

Converting Colors

XYZ(79.0460, 83.7401, 93.0043)

Have a look what the booklet for
XYZ(79.0460, 83.7401, 93.0043)
contains.

XYZ(78.9955, 83.8972, 92.9192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.9955, 83.8972,
92.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EDEE
RGB	232, 237, 238
RGB Percent	91%, 93%, 93%
CMY	0.0902, 0.0706, 0.0667
CMYK	0.03, 0.00, 0.00, 0.07
HSL	190°, 15%, 92%
HSV	190°, 3%, 93%
XYZ	78.9955, 83.8972, 92.9192
YIQ	235.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

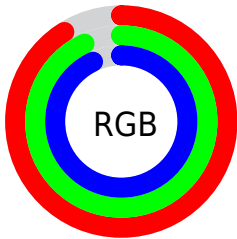
Format	Color
R _Y B	232, 235, 238
Decimal	15265262
CIE Lab	93.41, -1.48, -1.07
CIE LCh	93, 1.825, 216.049
Yxy	83.8972, 0.3088, 0.3280
Android (android.graphics.Color)	4293455342 (0xFFE8EDEE)
YUV	235.6190, 1.1738, -3.1739
Hunter-Lab	91.5954, -6.3465, 3.9699

Details

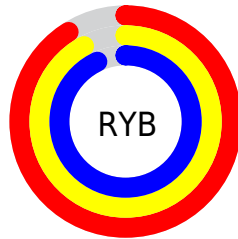
The XYZ color **78.9955, 83.8972, 92.9192** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.9645, 82.2803, 88.0650**, and the grayscale version is **79.4327, 83.5694, 91.0071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8719, 45.6553, 50.8087** is the 20% darker color. If you saturate the color by 10%, you get **70.6562, 77.9207, 92.2064**, and if you desaturate by 10%, it is **88.1154, 90.3183, 93.6792**.

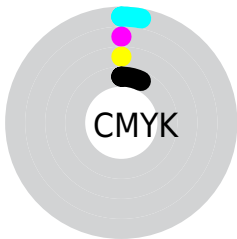
Distribution



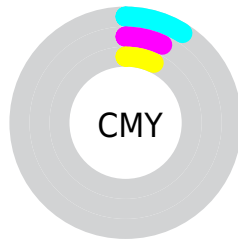
- Red (91%)
- Green (93%)
- Blue (93%)



- Red (91%)
- Yellow (92%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9955, 83.8972, 92.9192 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.9955, 83.8972, 92.9192 by changing the saturation by 10% instead.

■ 78.9955, 83.8972,
92.9192

■ 78.9955, 83.8972,
92.9192

480.3294,
507.9718, 558.2951

■ 59.1977, 62.9306,
69.8171

130.9105,
138.8314, 153.3575

■ 43.0193, 45.7850,
50.9015

163.7584,
173.5677, 191.5307

■ 30.0948, 32.0762,
35.7541

201.6871,
213.6627, 235.5647

■ 20.0590, 21.4197,
23.9561

245.0619,
259.5008, 285.8780

■ 12.5465, 13.4312,
15.0892

294.2482,
311.4663, 342.8891

■ 7.1918, 7.7261,
8.7347

349.6113,

■ 3.6298, 3.9202,

369.9438, 407.0167

4.4741

411.5165,
435.3175, 478.6792

■ 1.4949, 1.6290,
1.8889

■ 0.3223, 0.3770,
0.4856

■ 78.9955, 83.8972,
92.9192

■ 78.9955, 83.8972,
92.9192

■ 70.6562, 77.9207,
92.2064

■ 88.1154, 90.3183,
93.6792

■ 63.3440, 72.5085,
91.5472

■ 89.2976, 92.6826,
94.0732

■ 57.0166, 67.6410,
90.9411

■ 90.5053, 95.0979,
94.4758

■ 51.6260, 63.2931,
90.3860

■ 91.7386, 97.5647,
94.8869

■ 47.1199, 59.4376,
89.8793

■ 92.4329, 98.9531,
95.1183

■ 43.4409, 56.0448,
89.4184

■ 40.5247, 53.0812,
89.0000

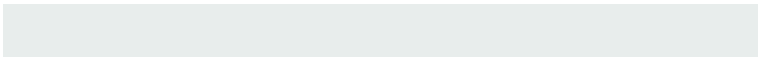
■ 38.2971, 50.5082,
88.6208

■ 36.6685, 48.2796,
88.2765

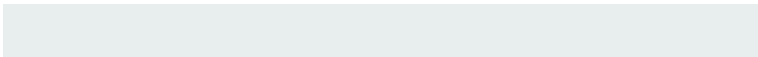
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8246, 83.8972, 91.6295



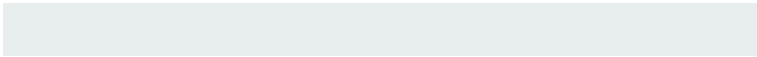
78.9955, 83.8972, 92.9192



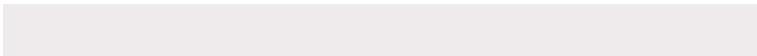
79.3665, 83.8972, 93.7947

Triad

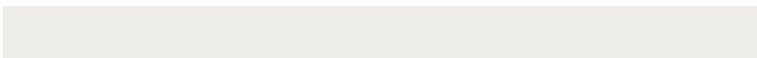
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9955, 83.8972, 92.9192



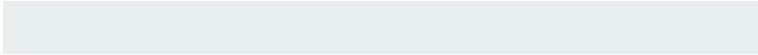
80.5910, 83.8972, 92.4305



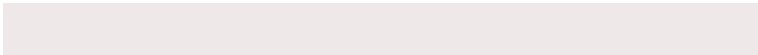
79.6442, 83.8972, 88.7381

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



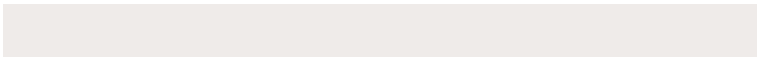
78.9955, 83.8972, 92.9192



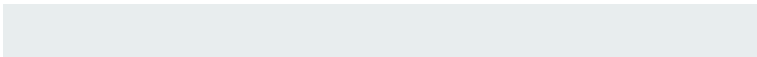
78.9645, 82.2803, 88.0650

Split Complementary

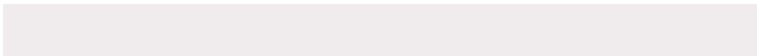
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1182, 83.8972, 88.9477



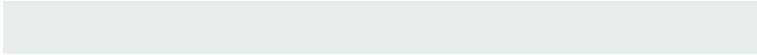
78.9955, 83.8972, 92.9192



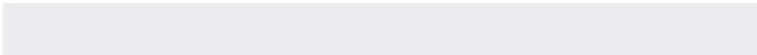
80.6661, 83.8972, 91.0706

Square

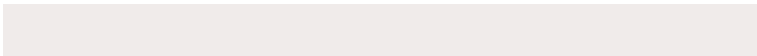
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



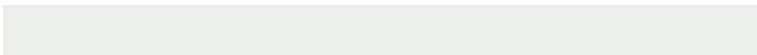
78.9955, 83.8972, 92.9192



80.2879, 83.8972, 93.5106



80.4927, 83.8972, 89.7981



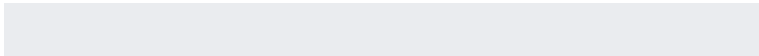
79.1981, 83.8972, 89.2225

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



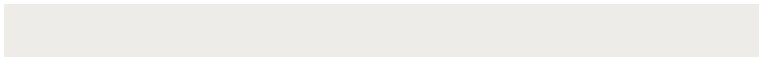
78.9955, 83.8972, 92.9192



79.6780, 83.8972, 94.0209



80.4927, 83.8972, 89.7981



79.8056, 83.8972, 88.7298

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.9979, 83.9008, 92.9210



93.9831, 99.2497, 108.8114



78.5482, 84.1837, 89.1263



20.1275, 21.2514, 23.2911



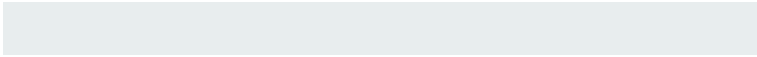
0.0000, 0.0000, 0.0000



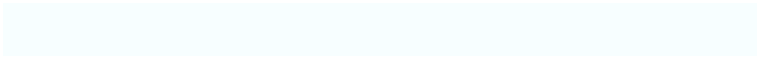
20.3446, 21.4041, 23.3091

Same Dimension

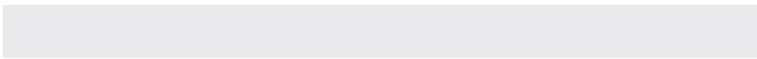
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9979, 83.9008, 92.9210



91.8875, 97.7702, 108.6363



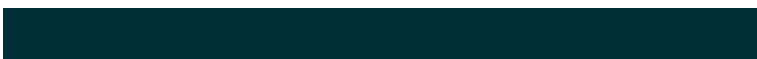
78.1639, 82.2328, 92.6430



17.0619, 18.2076, 20.3368



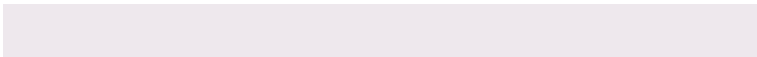
20.0203, 26.2648, 49.1423



1.7242, 2.3025, 4.1078

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.4044, 82.0063, 91.7687



92.4541, 95.1343, 107.0292



79.7933, 83.9380, 88.3413



17.1951, 17.5898, 19.9587



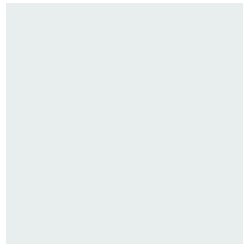
25.4309, 12.4448, 31.2496



2.1453, 1.0471, 2.7558

Previews

White Background



This preview shows how the XYZ color 78.9955, 83.8972, 92.9192 looks on a white background.

Color Contrast Check

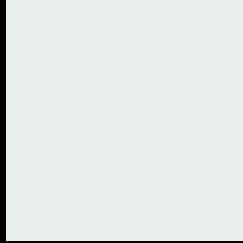
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.9955, 83.8972, 92.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

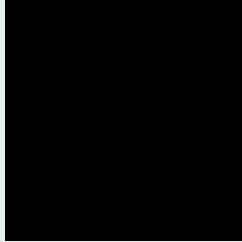
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

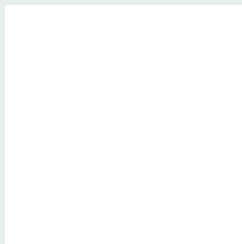
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9955, 83.8972, 92.9192

Background



This preview shows how black text looks on a background with the XYZ color 78.9955, 83.8972, 92.9192.



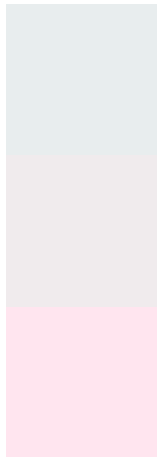
This preview shows how white text looks on a background with the XYZ color 78.9955, 83.8972,

92.9192.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.9955, 83.8972, 92.9192

Protanopia

80.9296, 84.0564, 92.0798

Deuteranopia

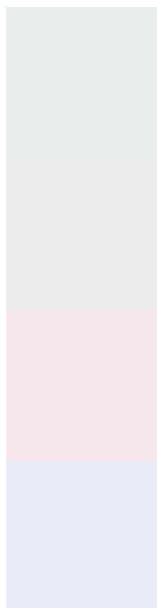
84.8393, 83.5306, 93.3129



Tritanopia

81.3696, 84.0009, 104.8537

Trichromacy



Original Color

78.9955, 83.8972, 92.9192

Protanomaly

80.2066, 84.1099, 92.1283

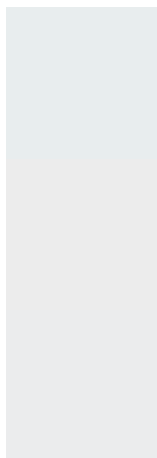
Deuteranomaly

82.7944, 83.7194, 93.4571

Tritanomaly

80.5430, 84.0919, 100.7932

Monochromacy



Original Color

78.9955, 83.8972, 92.9192

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5425, 83.7675, 92.0972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9955, 83.8972, 92.9192 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 237, 238) looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.9955, 83.8972, 92.9192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 237, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 237, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9955, 83.8972, 92.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
237, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor