

Converting Colors

XYZ(79.8775, 83.4730, 92.4883)

Have a look what the booklet for
XYZ(79.8775, 83.4730, 92.4883)
contains.

XYZ(80.0660, 83.5942, 92.8043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(80.0660, 83.5942,
92.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBEE
RGB	237, 235, 238
RGB Percent	93%, 92%, 93%
CMY	0.0706, 0.0784, 0.0667
CMYK	0.00, 0.01, 0.00, 0.07
HSL	280°, 8%, 93%
HSV	280°, 1%, 93%
XYZ	80.0660, 83.5942, 92.8043
YIQ	235.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

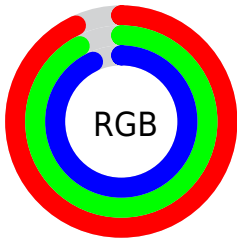
Format	Color
R _Y B	237, 235, 238
Decimal	15592430
CIE Lab	93.27, 1.21, -1.22
CIE LCh	93, 1.718, 314.609
Yxy	83.5942, 0.3122, 0.3259
Android (android.graphics.Color)	4293782510 (0xFFEDEBEE)
YUV	235.9400, 1.0156, 0.9296
Hunter-Lab	91.4299, -3.6881, 3.8196

Details

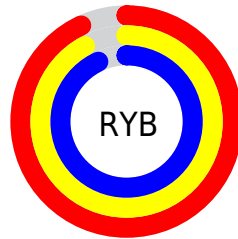
The XYZ color **80.0660, 83.5942, 92.8043** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1651, 84.9823, 90.7795**, and the grayscale version is **79.6773, 83.8267, 91.2873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6197, 45.4414, 50.7280** is the 20% darker color. If you saturate the color by 10%, you get **71.1097, 69.5313, 90.5632**, and if you desaturate by 10%, it is **88.8300, 97.0958, 94.9497**.

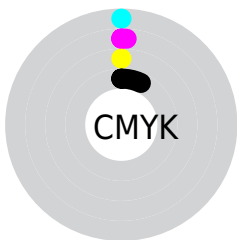
Distribution



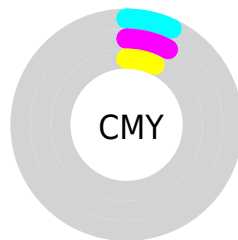
- Red (93%)
- Green (92%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0660, 83.5942, 92.8043 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 80.0660, 83.5942, 92.8043 by changing the saturation by 10% instead.

■ 80.0660, 83.5942,
92.8043

■ 80.0660, 83.5942,
92.8043

483.8884,
506.9647, 557.9153

■ 60.0813, 62.6805,
69.7221

132.4086,
138.4074, 153.1970

■ 43.7339, 45.5827,
50.8246

165.4971,
173.0756, 191.3446

■ 30.6584, 31.9167,
35.6933

203.6844,
213.0974, 235.3510

■ 20.4894, 21.2979,
23.9096

247.3357,
258.8573, 285.6349

■ 12.8616, 13.3419,
15.0550

296.8164,
310.7396, 342.6147

■ 7.4097, 7.6644,
8.7109

352.4918,

■ 3.7682, 3.8810,

369.1286, 406.7090

4.4589

414.7274,
434.4089, 478.3364

■ 1.5718, 1.6072,
1.8803

■ 0.3740, 0.3624,
0.4802

■ 80.0660, 83.5942,
92.8043

■ 80.0660, 83.5942,
92.8043

■ 71.1097, 69.5313,
90.5632

■ 88.8300, 97.0958,
94.9497

■ 63.1428, 57.2760,
88.6176

■ 91.6606, 98.5550,
95.0822

■ 56.1277, 46.7545,
86.9565

■ 92.4329, 98.9531,
95.1183

■ 50.0218, 37.8837,
85.5660

■ 44.7788, 30.5735,
84.4314

■ 40.3482, 24.7251,
83.5360

■ 36.6734, 20.2281,
82.8617

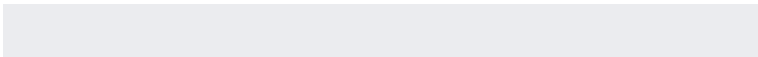
■ 33.6898, 16.9556,
82.3873

■ 31.3203, 14.7562,
82.0877

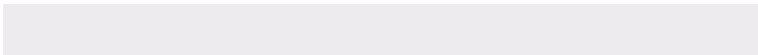
Harmonies

Analogous

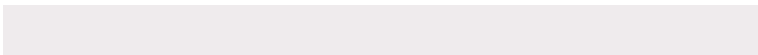
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6733, 83.5942, 93.4510



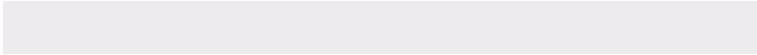
80.0660, 83.5942, 92.8043



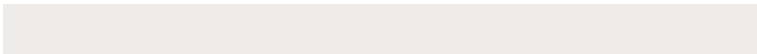
80.2951, 83.5942, 91.6824

Triad

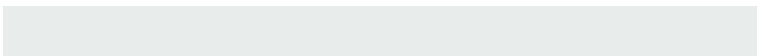
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0660, 83.5942, 92.8043



79.6848, 83.5942, 88.6399



78.6153, 83.5942, 91.6494

Complementary

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



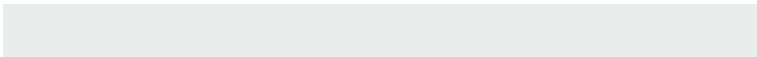
80.0660, 83.5942, 92.8043



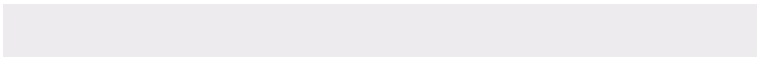
80.1651, 84.9823, 90.7795

Split Complementary

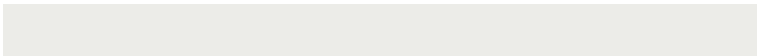
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6184, 83.5942, 90.3605



80.0660, 83.5942, 92.8043



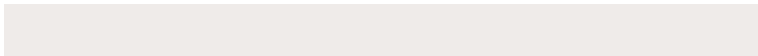
79.2347, 83.5942, 88.6313

Square

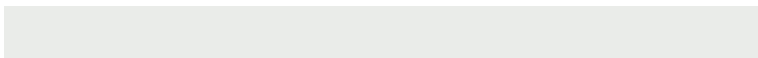
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



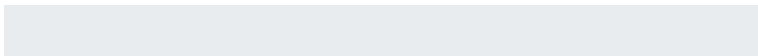
80.0660, 83.5942, 92.8043



80.0744, 83.5942, 89.2822



78.8447, 83.5942, 89.2585



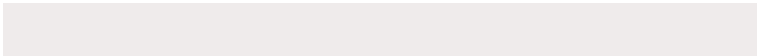
78.8363, 83.5942, 92.7800

Rectangle

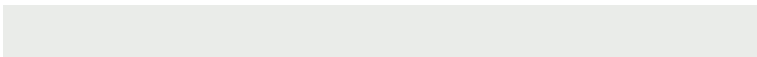
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



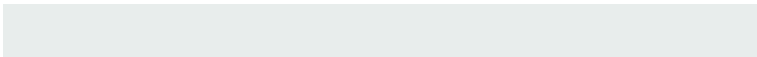
80.0660, 83.5942, 92.8043



80.3237, 83.5942, 90.8199



78.8447, 83.5942, 89.2585



78.5902, 83.5942, 91.2201

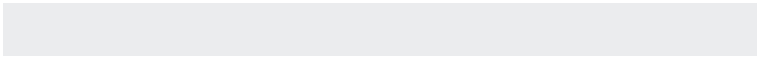
Sweetspot

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



80.0684, 83.5978, 92.8061

95.0500, 100.0000, 108.9000



79.7067, 83.8584, 92.8755



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

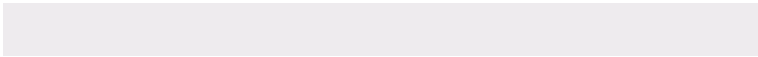
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0684, 83.5978, 92.8061



92.8211, 96.4677, 108.3357



80.3373, 83.7440, 92.4744



17.4099, 18.1063, 20.2989



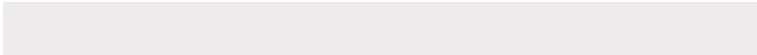
16.6812, 7.6049, 45.7166



1.4928, 0.6868, 3.8081

Inverse Universe

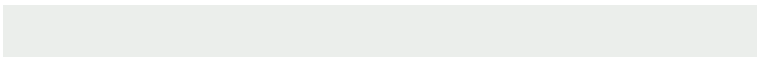
The Inverse Universe completely reimagines the original color for something new.



80.1115, 83.6537, 91.2856



92.9022, 96.5722, 105.5091



79.8990, 84.8376, 91.1065



17.4242, 18.1248, 19.7986



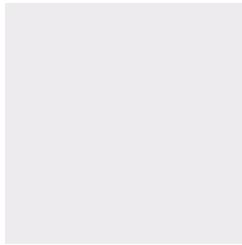
20.5213, 10.4810, 5.3960



1.7517, 0.8897, 0.6832

Previews

White Background



This preview shows how the XYZ color 80.0660, 83.5942, 92.8043 looks on a white background.

Color Contrast Check

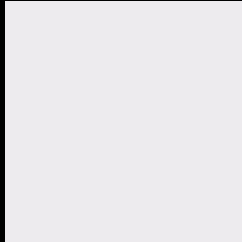
Large Text (above 18pt) WCAG AA × Fail

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 80.0660, 83.5942, 92.8043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

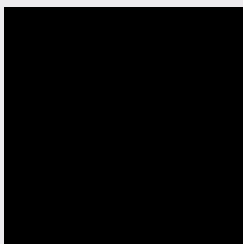
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

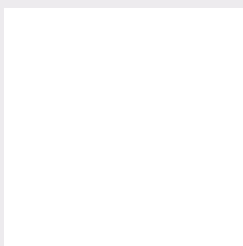
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0660, 83.5942, 92.8043

Background



This preview shows how black text looks on a background with the XYZ color 80.0660, 83.5942, 92.8043.



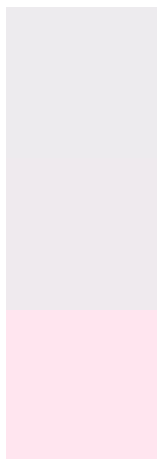
This preview shows how white text looks on a background with the XYZ color 80.0660, 83.5942,

92.8043.

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

80.0660, 83.5942, 92.8043

Protanopia

80.4520, 83.3694, 92.7405

Deuteranopia

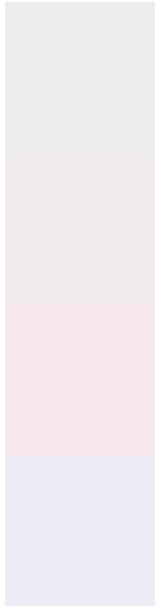
84.8393, 83.5306, 93.3129



Tritanopia

82.1481, 83.5936, 103.0723

Trichromacy



Original Color

80.0660, 83.5942, 92.8043

Protanomaly

80.1153, 83.1958, 92.7248

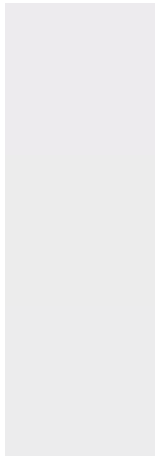
Deuteranomaly

82.8673, 83.3403, 93.3801

Tritanomaly

81.3173, 83.6766, 99.0541

Monochromacy



Original Color

80.0660, 83.5942, 92.8043

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.8736, 83.9382, 92.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0660, 83.5942, 92.8043 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(237, 235, 238) looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 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(237, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.0660, 83.5942, 92.8043 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(237, 235, 238) }
```

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

```
.border{ border-color:rgb(237, 235, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
238) }
```


Background

The CSS property to change the background color of an element to XYZ 80.0660, 83.5942, 92.8043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 238) }
```

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

```
.background{ background-color: rgb(237,  
235, 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](#).

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