

Converting Colors

XYZ(74.9012, 79.8712, 88.5608)

Have a look what the booklet for
XYZ(74.9012, 79.8712, 88.5608)
contains.

XYZ(74.9286, 79.7652, 88.5378)	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(74.9286, 79.7652,
88.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E8E9
RGB	226, 232, 233
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0902, 0.0863
CMYK	0.03, 0.00, 0.00, 0.09
HSL	189°, 14%, 90%
HSV	189°, 3%, 91%
XYZ	74.9286, 79.7652, 88.5378
YIQ	230.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

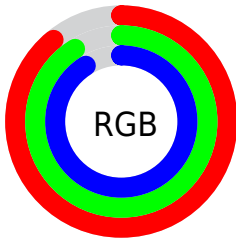
Format	Color
R_{YB}	226, 229, 233
Decimal	14870761
CIE Lab	91.58, -1.81, -1.19
CIE LCh	92, 2.171, 213.351
Yxy	79.7652, 0.3081, 0.3279
Android (android.graphics.Color)	4293060841 (0xFFE2E8E9)
YUV	230.3200, 1.3212, -3.7886
Hunter-Lab	89.3114, -6.5407, 3.7415

Details

The XYZ color **74.9286, 79.7652, 88.5378** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8009, 77.7518, 83.0178**, and the grayscale version is **75.4453, 79.3743, 86.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2557, 42.8829, 47.7505** is the 20% darker color. If you saturate the color by 10%, you get **67.1892, 74.4052, 87.9123**, and if you desaturate by 10%, it is **83.6830, 85.6791, 89.2191**.

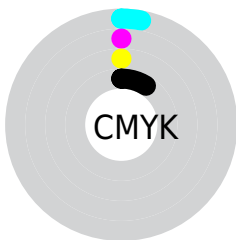
Distribution



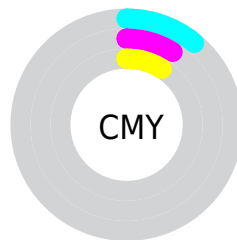
- Red (89%)
- Green (91%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9286, 79.7652, 88.5378 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 74.9286, 79.7652, 88.5378 by changing the saturation by 10% instead.

■ 74.9286, 79.7652,
88.5378

■ 74.9286, 79.7652,
88.5378

466.6731,
494.1412, 543.7097

■ 55.8484, 59.5252,
66.2017

125.1997,
133.0356, 147.2234

■ 40.3179, 43.0360,
47.9786

157.1213,
166.8347, 184.4099

■ 27.9718, 29.9134,
33.4501

194.0541,
205.9223, 227.3837

■ 18.4447, 19.7728,
22.1975

236.3634,
250.6827, 276.5632

■ 11.3714, 12.2300,
13.8024

284.4146,
301.5005, 332.3670

■ 6.3863, 6.9005,
7.8462

338.5731,

■ 3.1243, 3.4000,

358.7598, 395.2137

3.9103

399.2041,
422.8453, 465.5217

■ 1.2198, 1.3439,
1.5763

■ 0.1219, 0.1748,
0.2738

■ 74.9286, 79.7652,
88.5378

■ 74.9286, 79.7652,
88.5378

■ 67.1892, 74.4052,
87.9123

■ 83.6830, 85.6791,
89.2191

■ 60.4181, 69.5681,
87.3356

■ 86.7083, 88.6635,
89.6357

■ 54.5751, 65.2354,
86.8072

■ 87.6859, 90.6188,
89.9616

■ 49.6144, 61.3832,
86.3251

■ 88.6815, 92.6098,
90.2934

■ 45.4864, 57.9858,
85.8869

■ 89.6950, 94.6368,
90.6312

■ 42.1362, 55.0148,
85.4901

■ 90.7265, 96.6999,
90.9751

■ 39.5026, 52.4385,
85.1316

■ 91.7082, 98.6633,
91.3023

■ 37.5147, 50.2202,
84.8082

■ 36.0868, 48.3156,
84.5158

Harmonies

Analogous

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



74.7566, 79.7652, 87.0291



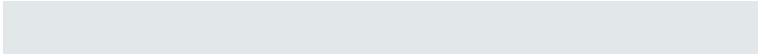
74.9286, 79.7652, 88.5378



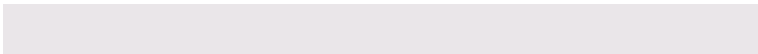
75.3379, 79.7652, 89.6045

Triad

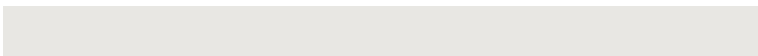
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9286, 79.7652, 88.5378



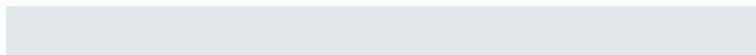
76.7700, 79.7652, 88.2255



75.7522, 79.7652, 83.8424

Complementary

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



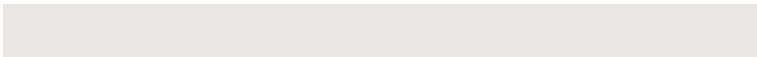
74.9286, 79.7652, 88.5378



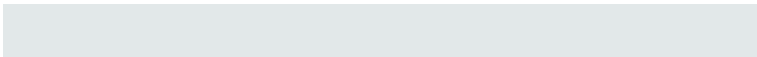
74.8009, 77.7518, 83.0178

Split Complementary

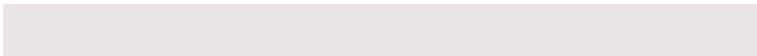
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2929, 79.7652, 84.1540



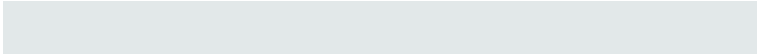
74.9286, 79.7652, 88.5378



76.8822, 79.7652, 86.6726

Square

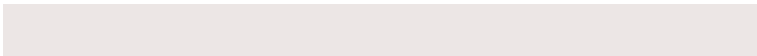
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9286, 79.7652, 88.5378



76.4012, 79.7652, 89.4226



76.7072, 79.7652, 85.1853



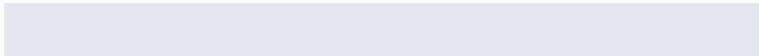
75.2306, 79.7652, 84.3287

Rectangle

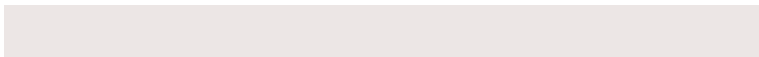
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



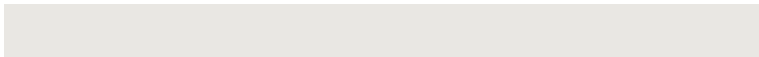
74.9286, 79.7652, 88.5378



75.6912, 79.7652, 89.9146



76.7072, 79.7652, 85.1853



75.9378, 79.7652, 83.8573

Sweetspot

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



74.9309, 79.7686, 88.5395



94.0024, 99.2883, 108.8178



74.3600, 79.9902, 84.1464



20.1314, 21.2593, 23.2924



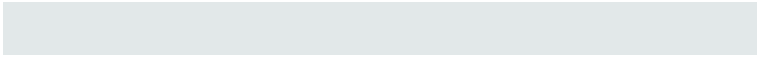
0.0000, 0.0000, 0.0000



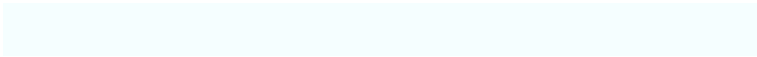
20.3446, 21.4041, 23.3091

Same Dimension

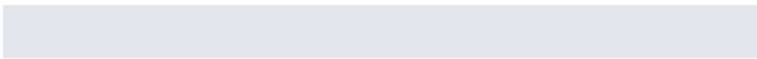
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9309, 79.7686, 88.5395



90.9352, 97.1940, 108.5753



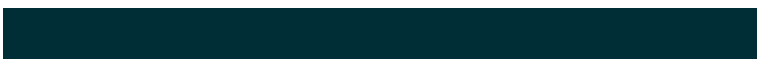
73.9727, 77.8522, 88.2202



16.1382, 17.2976, 19.4104



20.1150, 26.8770, 47.8706



1.6296, 2.2107, 3.7757

Inverse Universe

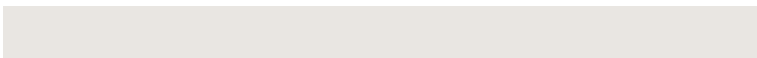
The Inverse Universe completely reimagines the original color for something new.



75.3678, 77.5439, 87.3432



91.6491, 93.5707, 106.6179



75.7504, 79.6509, 83.3343



16.2881, 16.5386, 18.9991



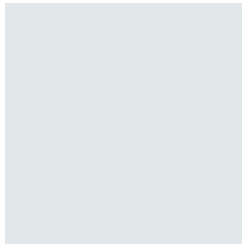
25.0084, 12.2061, 32.1754



1.9890, 0.9686, 2.6597

Previews

White Background



This preview shows how the XYZ color 74.9286, 79.7652, 88.5378 looks on a white background.

Color Contrast Check

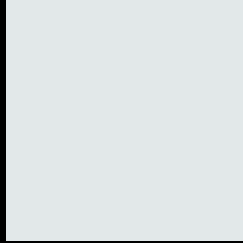
Large Text (above 18pt) WCAG AA × Fail

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 74.9286, 79.7652, 88.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

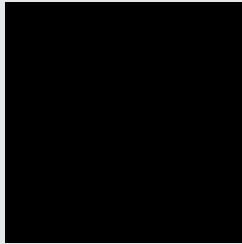
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

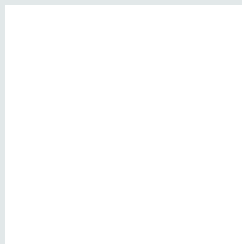
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9286, 79.7652, 88.5378

Background



This preview shows how black text looks on a background with the XYZ color 74.9286, 79.7652, 88.5378.



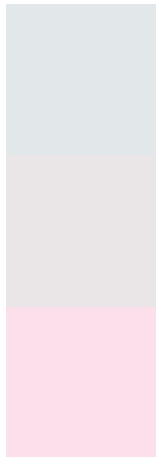
This preview shows how white text looks on a background with the XYZ color 74.9286, 79.7652,

88.5378.

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

74.9286, 79.7652, 88.5378

Protanopia

76.7940, 79.9122, 87.7211

Deuteranopia

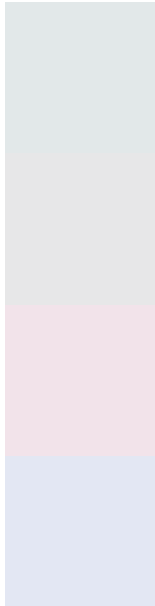
81.4347, 79.8187, 89.7117



Tritanopia

77.2350, 79.8649, 100.1517

Trichromacy



Original Color

74.9286, 79.7652, 88.5378

Protanomaly

76.0964, 79.9669, 87.7684

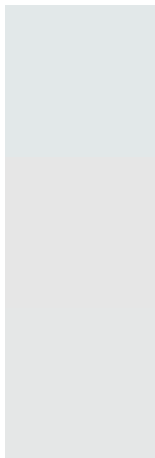
Deuteranomaly

78.9383, 79.7559, 89.0758

Tritanomaly

76.4321, 79.9538, 96.1982

Monochromacy



Original Color

74.9286, 79.7652, 88.5378

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3128, 79.5794, 86.9922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9286, 79.7652, 88.5378 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(226, 232, 233) looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 233)  
}
```

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(226, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.9286, 79.7652, 88.5378 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(226, 232, 233) }
```


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

```
.border{ border-color:rgb(226, 232, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 232,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9286, 79.7652, 88.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 233) }
```

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

```
.background{ background-color: rgb(226,  
232, 233) }
```

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