

Converting Colors

XYZ(75.8146, 79.4772, 88.6781)

Have a look what the booklet for
XYZ(75.8146, 79.4772, 88.6781)
contains.

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Color

**XYZ(75.6379, 79.2998,
88.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6E9
RGB	230, 230, 233
RGB Percent	90%, 90%, 91%
CMY	0.0980, 0.0980, 0.0863
CMYK	0.01, 0.01, 0.00, 0.09
HSL	240°, 6%, 91%
HSV	240°, 1%, 91%
XYZ	75.6379, 79.2998, 88.4106
YIQ	230.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

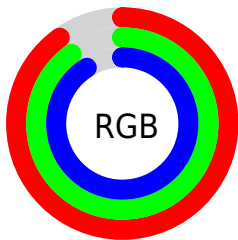
Format	Color
R _Y B	230, 230, 233
Decimal	15132393
CIE Lab	91.37, 0.54, -1.47
CIE LCh	91, 1.563, 290.348
Yxy	79.2998, 0.3108, 0.3259
Android (android.graphics.Color)	4293322473 (0xFFE6E6E9)
YUV	230.3420, 1.3104, -0.2999
Hunter-Lab	89.0504, -4.2234, 3.4713

Details

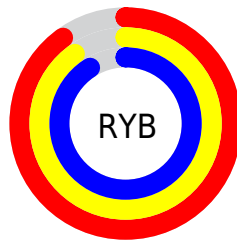
The XYZ color **75.6379, 79.2998, 88.4106** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.0262, 81.3136, 86.4994**, and the grayscale version is **75.4601, 79.3899, 86.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9450, 42.9482, 47.7268** is the 20% darker color. If you saturate the color by 10%, you get **62.6058, 63.6034, 86.0689**, and if you desaturate by 10%, it is **90.5384, 97.2471, 91.0906**.

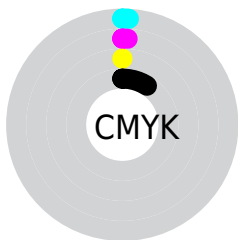
Distribution



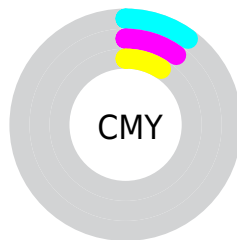
- Red (90%)
- Green (90%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6379, 79.2998, 88.4106 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 75.6379, 79.2998, 88.4106 by changing the saturation by 10% instead.

■ 75.6379, 79.2998,
88.4106

■ 75.6379, 79.2998,
88.4106

469.0707,
492.5700, 543.2830

■ 56.4317, 59.1423,
66.0969

126.1980,
132.3808, 147.0448

■ 40.7875, 42.7277,
47.8941

158.2826,
166.0732, 184.2024

■ 28.3400, 29.6715,
33.3836

195.3907,
205.0460, 227.1451

■ 18.7239, 19.5894,
22.1470

237.8876,
249.6836, 276.2913

■ 11.5737, 12.0969,
13.7656

286.1387,
300.3704, 332.0597

■ 6.5243, 6.8097,
7.8209

340.5093,

■ 3.2101, 3.3434,

357.4908, 394.8688

3.8944

401.3649,
421.4292, 465.1370

■ 1.2658, 1.3135,
1.5676

■ 0.1574, 0.1516,
0.2676

■ 75.6379, 79.2998,
88.4106

■ 75.6379, 79.2998,
88.4106

■ 62.6058, 63.6034,
86.0689

■ 90.5384, 97.2471,
91.0906

■ 51.3620, 50.0593,
84.0473

■ 91.7082, 98.6633,
91.3023

■ 41.8305, 38.5769,
82.3333

■ 33.9273, 29.0552,
80.9120

■ 27.5615, 21.3846,
79.7669

■ 22.6331, 15.4448,
78.8802

■ 19.0302, 11.1013,
78.2317

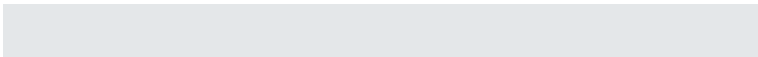
■ 16.6248, 8.1999,
77.7985

■ 15.2633, 6.5561,
77.5529

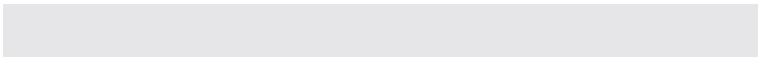
Harmonies

Analogous

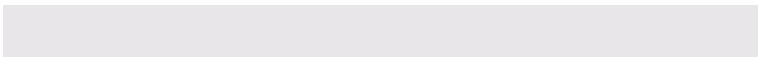
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2441, 79.2998, 88.5178



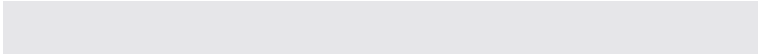
75.6379, 79.2998, 88.4106



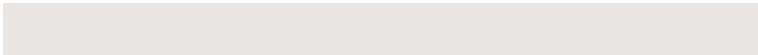
75.9615, 79.2998, 87.7470

Triad

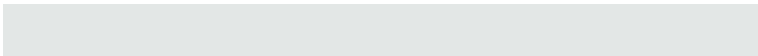
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6379, 79.2998, 88.4106



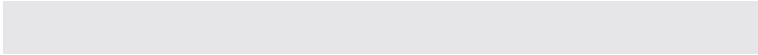
75.8604, 79.2998, 84.6712



74.6218, 79.2998, 85.9779

Complementary

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



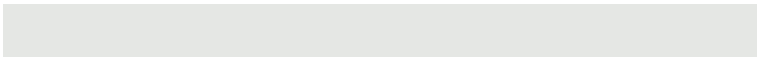
75.6379, 79.2998, 88.4106



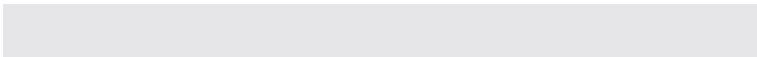
77.0262, 81.3136, 86.4994

Split Complementary

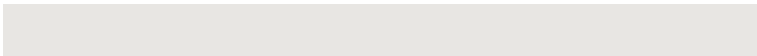
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7857, 79.2998, 84.9561



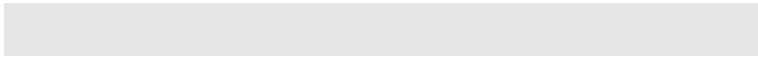
75.6379, 79.2998, 88.4106



75.5002, 79.2998, 84.2061

Square

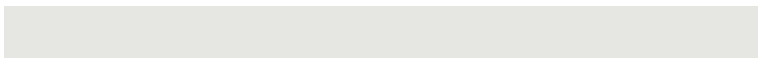
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



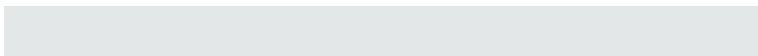
75.6379, 79.2998, 88.4106



76.0903, 79.2998, 85.5858



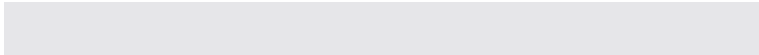
75.1069, 79.2998, 84.3099



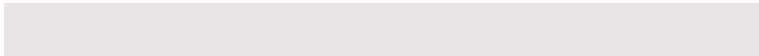
74.6584, 79.2998, 87.1066

Rectangle

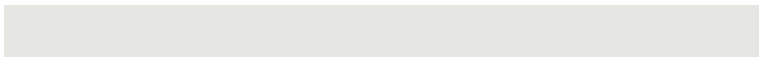
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



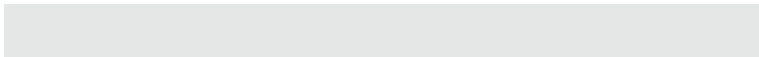
75.6379, 79.2998, 88.4106



76.0935, 79.2998, 87.0815



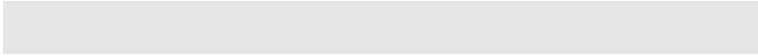
75.1069, 79.2998, 84.3099



74.6553, 79.2998, 85.6107

Sweetspot

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



75.6402, 79.3032, 88.4123

95.0500, 100.0000, 108.9000



76.4740, 80.9824, 88.6551



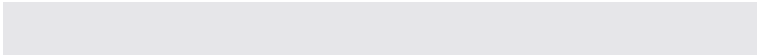
20.3446, 21.4041, 23.3091



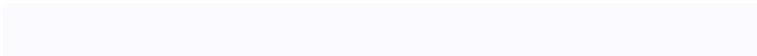
0.0000, 0.0000, 0.0000

Same Dimension

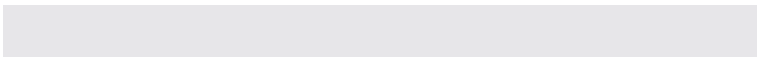
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6402, 79.3032, 88.4123



91.5951, 95.8387, 108.2789



76.1064, 79.5419, 88.4338



16.4186, 17.1848, 19.3739



8.3482, 3.3434, 43.9483



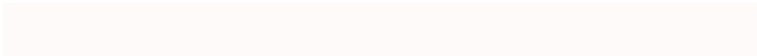
0.6561, 0.2636, 3.4512

Inverse Universe

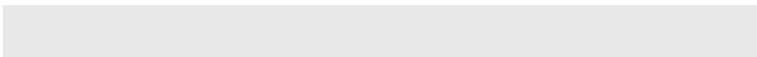
The Inverse Universe completely reimagines the original color for something new.



76.1857, 79.6319, 86.2220



92.6352, 96.4654, 104.1030



76.5558, 81.0728, 86.4777



16.5940, 17.2905, 18.6695



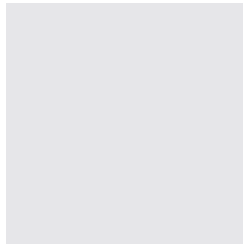
19.0691, 9.8303, 0.8992



1.4977, 0.7720, 0.0721

Previews

White Background



This preview shows how the XYZ color 75.6379, 79.2998, 88.4106 looks on a white background.

Color Contrast Check

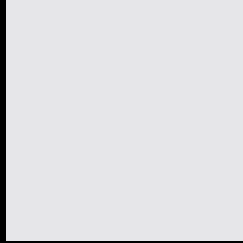
Large Text (above 18pt) WCAG AA × Fail

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 75.6379, 79.2998, 88.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

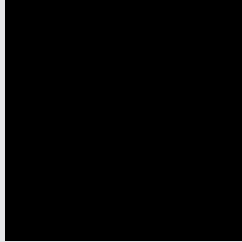
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

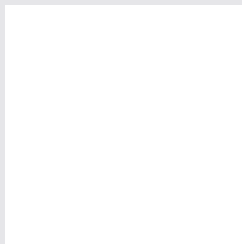
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6379, 79.2998, 88.4106

Background



This preview shows how black text looks on a background with the XYZ color 75.6379, 79.2998, 88.4106.



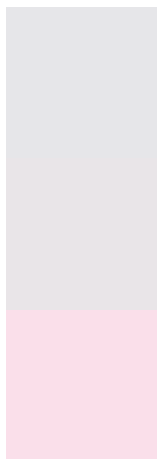
This preview shows how white text looks on a background with the XYZ color 75.6379, 79.2998,

88.4106.

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

75.6379, 79.2998, 88.4106

Protanopia

76.1891, 79.1885, 87.6132

Deuteranopia

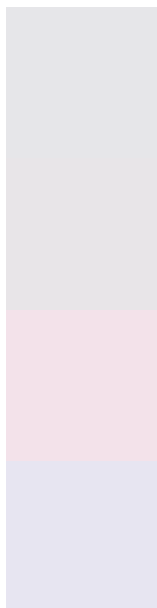
80.6633, 79.0399, 88.8467



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

75.6379, 79.2998, 88.4106

Protanomaly

75.8635, 79.0206, 87.5980

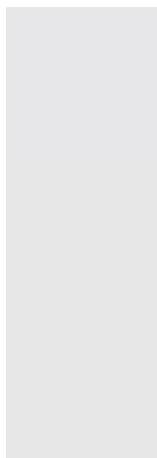
Deuteranomaly

79.0098, 79.3879, 89.0010

Tritanomaly

76.8515, 79.3784, 94.4901

Monochromacy



Original Color

75.6379, 79.2998, 88.4106

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3537, 79.1861, 86.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6379, 79.2998, 88.4106 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(230, 230, 233) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 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(230, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.6379, 79.2998, 88.4106 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(230, 230, 233) }
```

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

```
.border{ border-color:rgb(230, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
233) }
```


Background

The CSS property to change the background color of an element to XYZ 75.6379, 79.2998, 88.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 233) }
```

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

```
.background{ background-color: rgb(230,  
230, 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](#).

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