

Converting Colors

XYZ(75.4575, 78.0913, 83.0476)

Have a look what the booklet for
XYZ(75.4575, 78.0913, 83.0476)
contains.

XYZ(75.4575, 78.0913, 83.0476)	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(75.4575, 78.0913,
83.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE3E2
RGB	235, 227, 226
RGB Percent	92%, 89%, 89%
CMY	0.0784, 0.1098, 0.1137
CMYK	0.00, 0.03, 0.04, 0.08
HSL	7°, 18%, 90%
HSV	7°, 4%, 92%
XYZ	75.4575, 78.0913, 83.0476
YIQ	229.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

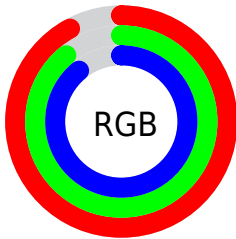
Format	Color
RYB	235, 227, 226
Decimal	15459298
CIELab	90.82, 2.54, 1.44
CIELCh	91, 2.918, 29.593
Yxy	78.0913, 0.3189, 0.3301
Android (android.graphics.Color)	4293649378 (0xFFEBE3E2)
YUV	229.2780, -1.6161, 5.0182
Hunter-Lab	88.3693, -2.2272, 6.1390

Details

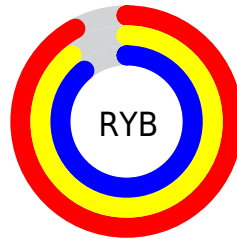
The XYZ color **75.4575, 78.0913, 83.0476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7822, 81.0114, 90.2409**, and the grayscale version is **74.6916, 78.5814, 85.5751**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6936, 42.0290, 44.4957** is the 20% darker color. If you saturate the color by 10%, you get **67.0834, 66.1542, 65.4223**, and if you desaturate by 10%, it is **84.9705, 91.5969, 103.2349**.

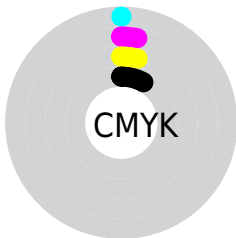
Distribution



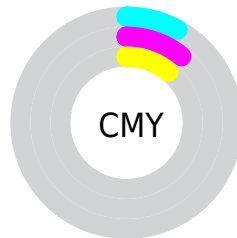
- Red (92%)
- Green (89%)
- Blue (89%)



- Red (92%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4575, 78.0913, 83.0476 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 75.4575, 78.0913, 83.0476 by changing the saturation by 10% instead.

■ 75.4575, 78.0913,
83.0476

■ 75.4575, 78.0913,
83.0476

468.4616,
488.4768, 525.1203

■ 56.2833, 58.1490,
61.6886

125.9442,
130.6788, 139.4920

■ 40.6680, 41.9284,
44.3470

157.9874,
164.0928, 175.4144

■ 28.2463, 29.0453,
30.6042

195.0509,
202.7661, 217.0283

■ 18.6528, 19.1151,
20.0417

237.5002,
247.0832, 264.7524

■ 11.5222, 11.7534,
12.2410

285.7006,
297.4284, 319.0051

■ 6.4891, 6.5760,
6.7835

340.0173,

■ 3.1881, 3.1984,

354.1862, 380.2049

3.2507

400.8159,
417.7408, 448.7705

■ 1.2540, 1.2362,
1.2240

■ 0.1484, 0.0910,
0.0000

■ 75.4575, 78.0913,
83.0476

■ 75.4575, 78.0913,
83.0476

■ 67.0834, 66.1542,
65.4223

■ 84.9705, 91.5969,
103.2349

■ 59.7992, 55.7190,
50.2516

■ 88.0714, 96.4024,
108.5734

■ 53.5617, 46.7293,
37.4281

■ 48.3227, 39.1211,
26.8344

■ 44.0299, 32.8257,
18.3429

■ 40.6264, 27.7688,
11.8132

■ 38.0489, 23.8681,
7.0875

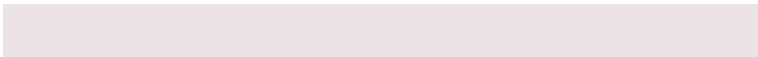
■ 36.2259, 21.0316,
3.9840

■ 35.0728, 19.1530,
2.2818

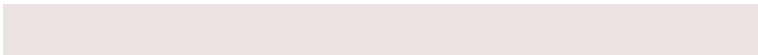
Harmonies

Analogous

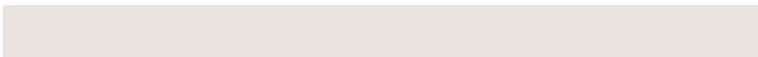
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6438, 78.0913, 85.0569



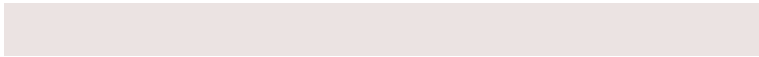
75.4575, 78.0913, 83.0476



74.9401, 78.0913, 81.5895

Triad

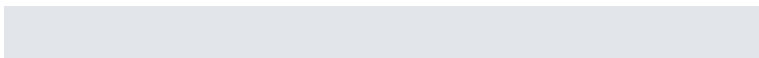
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4575, 78.0913, 83.0476



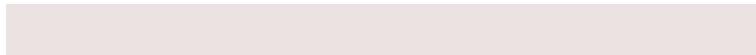
73.0128, 78.0913, 82.9986



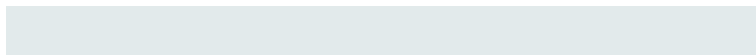
74.2134, 78.0913, 89.1346

Complementary

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



75.4575, 78.0913, 83.0476



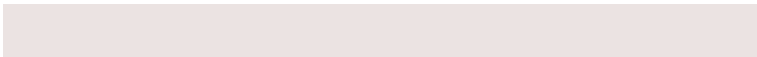
75.7822, 81.0114, 90.2409

Split Complementary

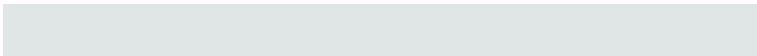
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5114, 78.0913, 88.5621



75.4575, 78.0913, 83.0476



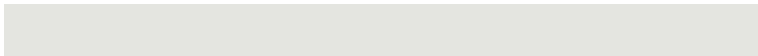
72.8210, 78.0913, 84.9994

Square

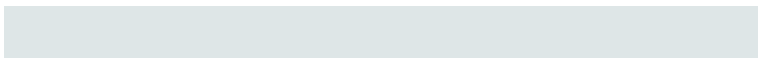
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



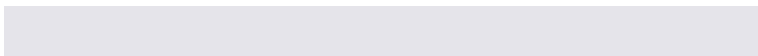
75.4575, 78.0913, 83.0476



73.5286, 78.0913, 81.5615



73.0029, 78.0913, 87.0399



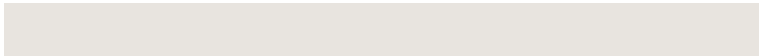
74.9226, 78.0913, 88.5917

Rectangle

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



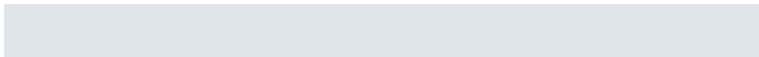
75.4575, 78.0913, 83.0476



74.4787, 78.0913, 81.1142



73.0029, 78.0913, 87.0399



73.9688, 78.0913, 89.0661

Sweetspot

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



75.4597, 78.0947, 83.0493



93.9236, 98.3999, 106.5126



76.3241, 78.0023, 88.9516



20.1154, 21.0785, 22.8232



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

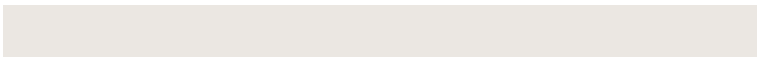
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4597, 78.0947, 83.0493



89.5568, 92.1902, 97.2757



76.6775, 80.5303, 83.4552



15.8948, 16.3134, 17.1378



19.3214, 10.3371, 0.9769



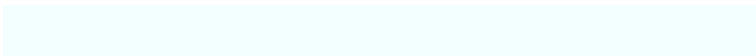
1.5621, 0.9016, 0.0917

Inverse Universe

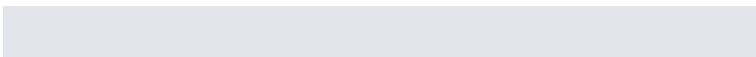
The Inverse Universe completely reimagines the original color for something new.



75.7822, 81.0114, 90.2409



90.0618, 96.7574, 108.5370



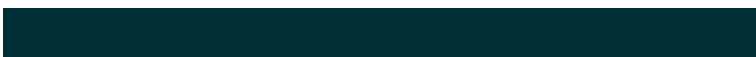
74.5462, 78.5393, 89.8289



15.9965, 17.2331, 19.4055



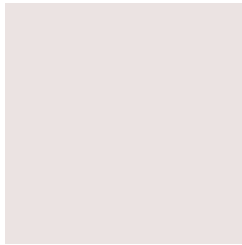
21.0649, 28.7768, 48.1872



1.6950, 2.3416, 3.7975

Previews

White Background



This preview shows how the XYZ color 75.4575, 78.0913, 83.0476 looks on a white background.

Color Contrast Check

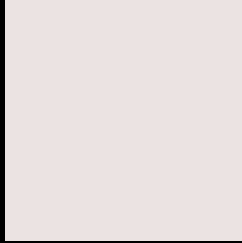
Large Text (above 18pt) WCAG AA × Fail

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 75.4575, 78.0913, 83.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

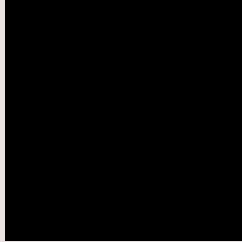
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

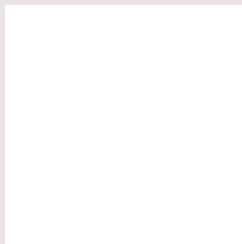
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4575, 78.0913, 83.0476

Background



This preview shows how black text looks on a background with the XYZ color 75.4575, 78.0913, 83.0476.

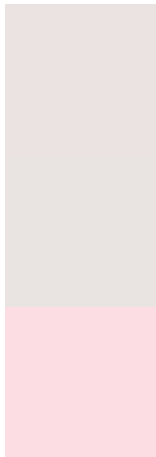


This preview shows how white text looks on a background with the XYZ color 75.4575, 78.0913,

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

75.4575, 78.0913, 83.0476

Protanopia

75.0751, 78.3014, 83.1083

Deuteranopia

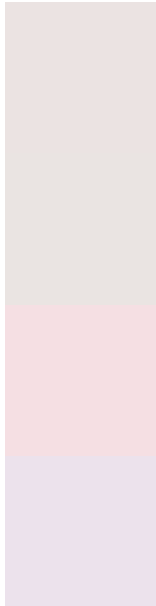
79.5052, 77.7682, 83.4934



Tritanopia

77.8773, 78.2658, 95.0066

Trichromacy



Original Color

75.4575, 78.0913, 83.0476

Protanomaly

75.4026, 78.4702, 83.1236

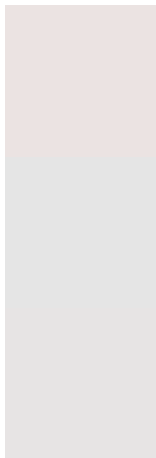
Deuteranomaly

77.9090, 77.7339, 83.5709

Tritanomaly

76.9287, 78.2817, 90.4122

Monochromacy



Original Color

75.4575, 78.0913, 83.0476

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7020, 78.0772, 84.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4575, 78.0913, 83.0476 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(235, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 226)  
}
```

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(235, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 75.4575, 78.0913, 83.0476 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(235, 227, 226) }
```


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

```
.border{ border-color:rgb(235, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4575, 78.0913, 83.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 226) }
```

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

```
.background{ background-color: rgb(235,  
227, 226) }
```

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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