

Converting Colors

XYZ(67.9794, 70.3516, 75.7410)

Have a look what the booklet for
XYZ(67.9794, 70.3516, 75.7410)
contains.

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Color

**XYZ(68.0777, 70.4828,
75.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D9D9
RGB	224, 217, 217
RGB Percent	88%, 85%, 85%
CMY	0.1216, 0.1490, 0.1490
CMYK	0.00, 0.03, 0.03, 0.12
HSL	0°, 10%, 86%
HSV	0°, 3%, 88%
XYZ	68.0777, 70.4828, 75.6621
YIQ	219.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

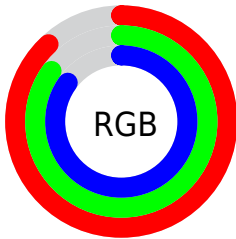
Format	Color
R _Y B	224, 217, 217
Decimal	14735833
CIE Lab	87.23, 2.39, 0.84
CIE LCh	87, 2.535, 19.358
Yxy	70.4828, 0.3178, 0.3290
Android (android.graphics.Color)	4292925913 (0xFFE0D9D9)
YUV	219.0930, -1.0318, 4.3034
Hunter-Lab	83.9540, -2.1752, 5.3338

Details

The XYZ color **68.0777, 70.4828, 75.6621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7253, 73.4436, 81.0757**, and the grayscale version is **67.4031, 70.9133, 77.2246**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8041, 36.8843, 39.4147** is the 20% darker color. If you saturate the color by 10%, you get **59.9758, 58.6289, 59.5492**, and if you desaturate by 10%, it is **77.3619, 84.0666, 94.1219**.

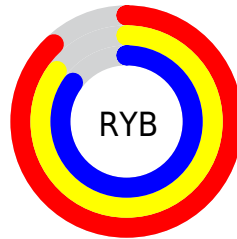
Distribution



Red (88%)

Green (85%)

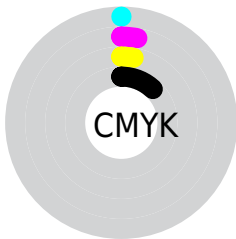
Blue (85%)



Red (88%)

Yellow (85%)

Blue (85%)

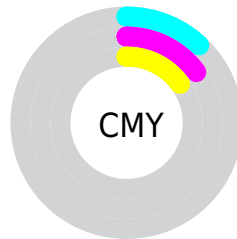


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0777, 70.4828, 75.6621 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 68.0777, 70.4828, 75.6621 by changing the saturation by 10% instead.

■ 68.0777, 70.4828,
75.6621

■ 68.0777, 70.4828,
75.6621

443.1437,
462.2434, 499.5062

■ 50.2349, 51.9202,
55.6505

115.5046,
119.8970, 129.0049

■ 35.8186, 36.9415,
39.5206

145.8193,
151.5174, 163.1731

■ 24.4636, 25.1622,
26.8541

181.0221,
188.2593, 202.8972

■ 15.8045, 16.1979,
17.2322

221.4783,
230.5069, 248.5959

■ 9.4759, 9.6643,
10.2365

267.5531,
278.6447, 300.6876

■ 5.1124, 5.1770,
5.4484

319.6121,

■ 2.3488, 2.3515,

333.0572, 359.5908

2.4494

378.0205,
394.1286, 425.7242

■ 0.8195, 0.8008,
0.8131

■ 0.0000, 0.0000,
0.0000

■ 68.0777, 70.4828,
75.6621

■ 68.0777, 70.4828,
75.6621

■ 59.9758, 58.6289,
59.5492

■ 77.3619, 84.0666,
94.1219

■ 53.0030, 48.4267,
45.6849

■ 84.5508, 94.5875,
108.4086

■ 47.1112, 39.8058,
33.9705

■ 42.2462, 32.6870,
24.2986

■ 38.3492, 26.9845,
16.5522

■ 35.3557, 22.6036,
10.6025

■ 33.1930, 19.4384,
6.3054

■ 31.7776, 17.3664,
3.4941

■ 31.0082, 16.2396,
1.9673

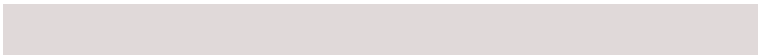
Harmonies

Analogous

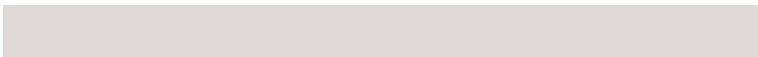
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.1232, 70.4828, 77.3508



68.0777, 70.4828, 75.6621



67.7402, 70.4828, 74.2827

Triad

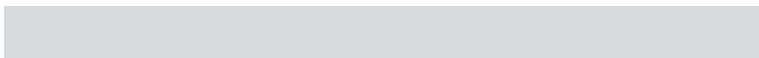
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0777, 70.4828, 75.6621



66.1268, 70.4828, 74.6280



66.7806, 70.4828, 80.0114

Complementary

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



68.0777, 70.4828, 75.6621



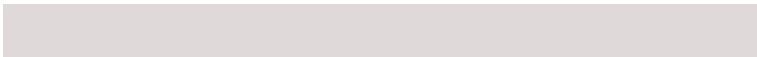
68.7253, 73.4436, 81.0757

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.



66.2489, 70.4828, 79.2586



68.0777, 70.4828, 75.6621



65.8729, 70.4828, 76.1399

Square

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



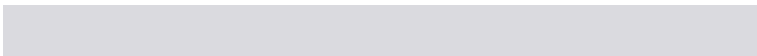
68.0777, 70.4828, 75.6621



66.6130, 70.4828, 73.6918



65.9175, 70.4828, 77.8357



67.3720, 70.4828, 79.8789

Rectangle

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



68.0777, 70.4828, 75.6621



67.3962, 70.4828, 73.7163



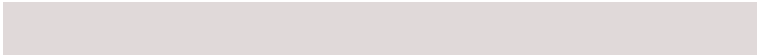
65.9175, 70.4828, 77.8357



66.5890, 70.4828, 79.8531

Sweetspot

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



68.0797, 70.4859, 75.6636



93.8345, 98.2215, 106.4828



69.0088, 70.8559, 80.5612



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



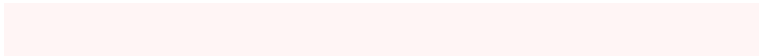
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0797, 70.4859, 75.6636



90.2846, 93.0277, 99.4238



68.9904, 72.3073, 75.9672



14.5553, 14.9416, 15.9140



17.8943, 9.2264, 0.8377



1.2406, 0.6400, 0.0581

Inverse Universe

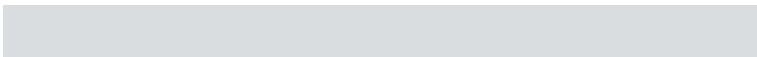
The Inverse Universe completely reimagines the original color for something new.



68.7253, 73.4436, 81.0757



91.3946, 98.1128, 108.7284



67.7954, 71.5838, 80.7657



14.7659, 15.9066, 17.6797



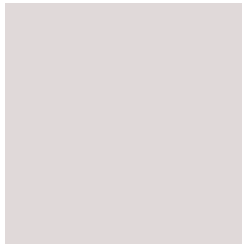
23.3276, 34.1247, 46.4056



1.6172, 2.3658, 3.2166

Previews

White Background



This preview shows how the XYZ color 68.0777, 70.4828, 75.6621 looks on a white background.

Color Contrast Check

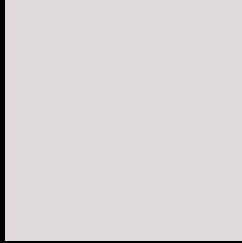
Large Text (above 18pt) WCAG AA × Fail

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 68.0777, 70.4828, 75.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

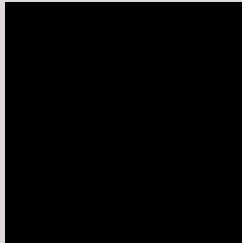
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

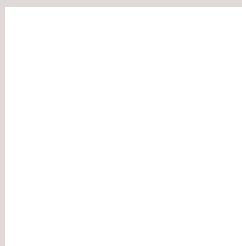
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0777, 70.4828, 75.6621

Background



This preview shows how black text looks on a background with the XYZ color 68.0777, 70.4828, 75.6621.



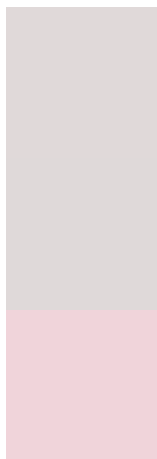
This preview shows how white text looks on a background with the XYZ color 68.0777, 70.4828,

75.6621.

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

68.0777, 70.4828, 75.6621

Protanopia

67.7687, 70.3234, 75.6476

Deuteranopia

72.1336, 70.6742, 76.1693



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

68.0777, 70.4828, 75.6621

Protanomaly

67.7687, 70.3234, 75.6476

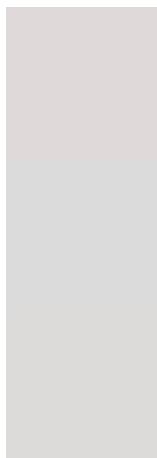
Deuteranomaly

70.6331, 70.6475, 76.2432

Tritanomaly

69.4723, 70.6653, 82.6512

Monochromacy



Original Color

68.0777, 70.4828, 75.6621

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5451, 70.5769, 76.3924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0777, 70.4828, 75.6621 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(224, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 217)  
}
```

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(224, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.0777, 70.4828, 75.6621 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(224, 217, 217) }
```


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

```
.border{ border-color:rgb(224, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(224, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0777, 70.4828, 75.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 217) }
```

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

```
.background{ background-color: rgb(224,  
217, 217) }
```

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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