

Converting Colors

XYZ(69.6299, 68.3454, 63.3391)

Have a look what the booklet for
XYZ(69.6299, 68.3454, 63.3391)
contains.

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Color

**XYZ(69.4826, 68.1125,
63.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D0C7
RGB	242, 208, 199
RGB Percent	95%, 82%, 78%
CMY	0.0510, 0.1843, 0.2196
CMYK	0.00, 0.14, 0.18, 0.05
HSL	13°, 62%, 86%
HSV	13°, 18%, 95%
XYZ	69.4826, 68.1125, 63.5177
YIQ	217.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

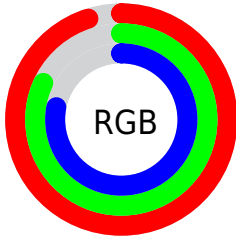
Format	Color
R _Y B	242, 210, 199
Decimal	15913159
CIE Lab	86.06, 10.49, 8.86
CIE LCh	86, 13.732, 40.171
Yxy	68.1125, 0.3455, 0.3387
Android (android.graphics.Color)	4294103239 (0xFFFF2D0C7)
YUV	217.1400, -8.9430, 21.8022
Hunter-Lab	82.5303, 5.8519, 12.1399

Details

The XYZ color **69.4826, 68.1125, 63.5177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7185, 76.8289, 95.2125**, and the grayscale version is **66.0991, 69.5414, 75.7306**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6740, 35.4698, 31.7015** is the 20% darker color. If you saturate the color by 10%, you get **62.5069, 58.3055, 48.4149**, and if you desaturate by 10%, it is **77.4716, 79.2298, 81.1643**.

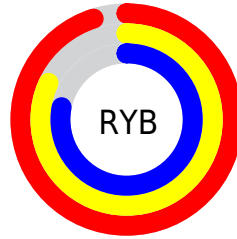
Distribution



Red (95%)

Green (82%)

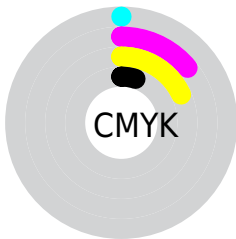
Blue (78%)



Red (95%)

Yellow (82%)

Blue (78%)

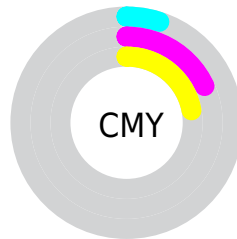


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4826, 68.1125, 63.5177 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 69.4826, 68.1125, 63.5177 by changing the saturation by 10% instead.


 69.4826, 68.1125,
63.5177

 69.4826, 68.1125,
63.5177


448.0260,
453.8945, 455.6055

 51.3829, 49.9893,
45.8165


117.5009,
116.5131, 111.5088

 36.7357, 35.4049,
31.7534


148.1502,
147.5592, 142.6358

 25.1757, 23.9749,
20.9100


183.7135,
183.6817, 179.0751

 16.3374, 15.3150,
12.8676

224.5560,
225.2651, 221.2453

 9.8556, 9.0408,
7.2078

271.0432,
272.6936, 269.5649

 5.3648, 4.7678,
3.5120

323.5403,

 2.4998, 2.1117,

326.3518, 324.4524

1.3616

382.4128,
386.6240, 386.3264

■ 0.8952, 0.6712,
0.1115

■ 0.0000, 0.0000,
0.0000

■ 69.4826, 68.1125,
63.5177

■ 69.4826, 68.1125,
63.5177

■ 62.5069, 58.3055,
48.4149

■ 77.4716, 79.2298,
81.1643

■ 56.4980, 49.7513,
35.7339

■ 86.5069, 91.6939,
101.4603

■ 51.4138, 42.4016,
25.3492

■ 90.4282, 97.6174,
108.6837

■ 47.2069, 36.2015,
17.1223

■ 43.8256, 31.0918,
10.8994

■ 41.2123, 27.0078,
6.5065

■ 39.3015, 23.8772,
3.7391

■ 38.0114, 21.6165,
2.3241

■ 37.7879, 21.2169,
2.1036

Harmonies

Analogous

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



70.8911, 68.1125, 71.1393



69.4826, 68.1125, 63.5177



66.8172, 68.1125, 59.0001

Triad

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



69.4826, 68.1125, 63.5177



59.2019, 68.1125, 68.4279



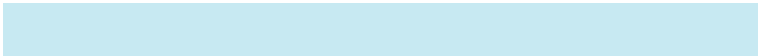
65.8153, 68.1125, 92.5982

Complementary

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



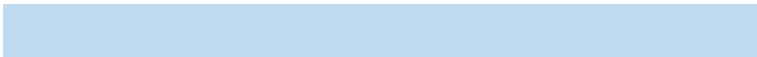
69.4826, 68.1125, 63.5177



68.7185, 76.8289, 95.2125

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.



62.7041, 68.1125, 91.7236



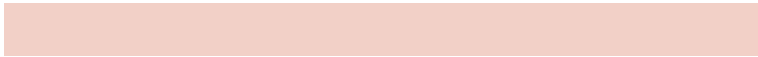
69.4826, 68.1125, 63.5177



58.9533, 68.1125, 77.2711

Square

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



69.4826, 68.1125, 63.5177



60.9065, 68.1125, 61.6716



60.2162, 68.1125, 85.9357



68.7287, 68.1125, 88.2364

Rectangle

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



69.4826, 68.1125, 63.5177



64.7208, 68.1125, 58.1207



60.2162, 68.1125, 85.9357



64.7569, 68.1125, 92.9148

Sweetspot

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



69.4845, 68.1156, 63.5191



89.9328, 92.9422, 97.4011



71.8073, 65.6310, 86.2747



19.1006, 19.6878, 20.5150



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

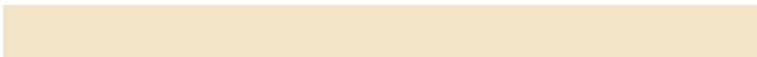
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4845, 68.1156, 63.5191



75.5454, 72.9178, 65.6292



74.9744, 79.0954, 65.3491



16.0410, 16.2951, 16.4495



20.3790, 11.5560, 1.1564



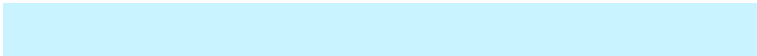
1.7649, 1.1005, 0.1194

Inverse Universe

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



68.7185, 76.8289, 95.2125



74.5449, 84.2727, 106.9451



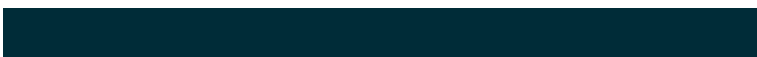
63.0995, 65.5908, 93.3395



15.9500, 17.3341, 20.2268



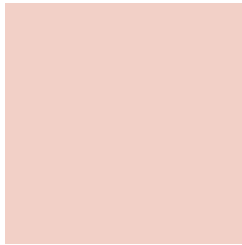
18.7586, 23.7414, 48.7217



1.6301, 2.1142, 4.0764

Previews

White Background



This preview shows how the XYZ color 69.4826, 68.1125, 63.5177 looks on a white background.

Color Contrast Check

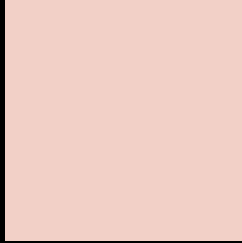
Large Text (above 18pt) WCAG AA × Fail

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 69.4826, 68.1125, 63.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

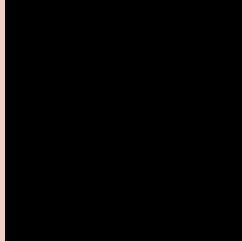
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4826, 68.1125, 63.5177

Background



This preview shows how black text looks on a background with the XYZ color 69.4826, 68.1125, 63.5177.

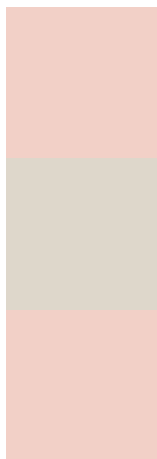


This preview shows how white text looks on a background with the XYZ color 69.4826, 68.1125,

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

69.4826, 68.1125, 63.5177

Protanopia

65.2041, 68.4423, 66.2740

Deuteranopia

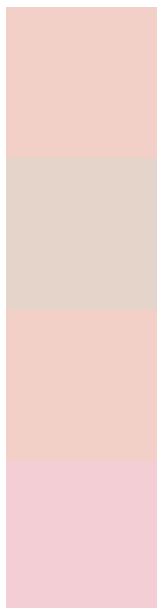
69.4826, 68.1125, 63.5177



Tritanopia

72.5387, 68.2956, 77.7658

Trichromacy



Original Color

69.4826, 68.1125, 63.5177

Protanomaly

66.5173, 68.0092, 65.4984

Deuteranomaly

69.4826, 68.1125, 63.5177

Tritanomaly

71.3898, 68.1798, 72.3482

Monochromacy



Original Color

69.4826, 68.1125, 63.5177

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.0435, 68.9150, 70.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4826, 68.1125, 63.5177 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(242, 208, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 199)  
}
```

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(242, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 199) }
```

Border

The CSS property to change the border of an element to XYZ 69.4826, 68.1125, 63.5177 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(242, 208, 199) }
```


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

```
.border{ border-color:rgb(242, 208, 199) }
```

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

Here you see how a box with a 4 pixel rgb(242, 208, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4826, 68.1125, 63.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 199) }
```

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

```
.background{ background-color: rgb(242,  
208, 199) }
```

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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