

Converting Colors

XYZ(69.0603, 68.1591, 66.9332)

Have a look what the booklet for
XYZ(69.0603, 68.1591, 66.9332)
contains.

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Color

**XYZ(68.9594, 68.1377,
66.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	EED1CC
RGB	238, 209, 204
RGB Percent	93%, 82%, 80%
CMY	0.0667, 0.1804, 0.2000
CMYK	0.00, 0.12, 0.14, 0.07
HSL	9°, 50%, 87%
HSV	9°, 14%, 93%
XYZ	68.9594, 68.1377, 66.6441
YIQ	217.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

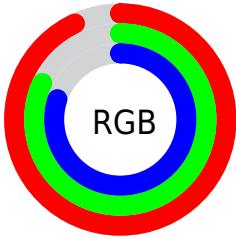
Format	Color
R _Y B	238, 210, 204
Decimal	15651276
CIE Lab	86.08, 9.31, 6.18
CIE LCh	86, 11.171, 33.597
Yxy	68.1377, 0.3385, 0.3344
Android (android.graphics.Color)	4293841356 (0xFFEED1CC)
YUV	217.1010, -6.4588, 18.3284
Hunter-Lab	82.5456, 4.6660, 9.9134

Details

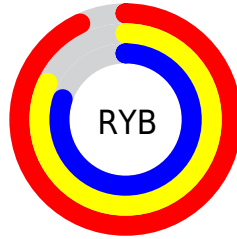
The XYZ color **68.9594, 68.1377, 66.6441** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4729, 77.2865, 92.1456**, and the grayscale version is **66.0579, 69.4981, 75.6834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5178, 35.5898, 33.7990** is the 20% darker color. If you saturate the color by 10%, you get **61.6539, 57.7508, 51.1852**, and if you desaturate by 10%, it is **77.3393, 79.9740, 84.6148**.

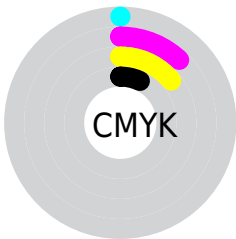
Distribution



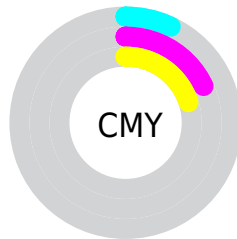
- Red (93%)
- Green (82%)
- Blue (80%)



- Red (93%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9594, 68.1377, 66.6441 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 68.9594, 68.1377, 66.6441 by changing the saturation by 10% instead.

68.9594, 68.1377,
66.6441

68.9594, 68.1377,
66.6441

446.2114,
453.9837, 467.1438

50.9552, 50.0098,
48.3357

116.7580,
116.5491, 116.0461

36.3938, 35.4212,
33.7309

147.2830,
147.6014, 147.9767

24.9100, 23.9875,
22.4113

182.7124,
183.7306, 185.2852

16.1384, 15.3243,
13.9582

223.4114,
225.3210, 228.3901

9.7136, 9.0473,
7.9532

269.7455,
272.7572, 277.7098

5.2703, 4.7721,
3.9777

322.0799,

2.4431, 2.1142,

326.4234, 333.6630

1.6131

380.7801,
386.7041, 396.6681

■ 0.8666, 0.6726,
0.3001

■ 0.0000, 0.0000,
0.0000

■ 68.9594, 68.1377,
66.6441

■ 68.9594, 68.1377,
66.6441

■ 61.6539, 57.7508,
51.1852

■ 77.3393, 79.9740,
84.6148

■ 55.3737, 48.7487,
38.1219

■ 86.8291, 93.3030,
105.1978

■ 50.0742, 41.0756,
27.3353

■ 89.0701, 96.9173,
108.6201

■ 45.7052, 34.6680,
18.6946

■ 42.2120, 29.4575,
12.0556

■ 39.5342, 25.3690,
7.2564

■ 37.6032, 22.3190,
4.1096

■ 36.3385, 20.2115,
2.3874

■ 35.8621, 19.3811,
1.8508

Harmonies

Analogous

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



69.8120, 68.1377, 73.3076



68.9594, 68.1377, 66.6441



66.9814, 68.1377, 62.2419

Triad

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



68.9594, 68.1377, 66.6441



60.4441, 68.1377, 68.0835



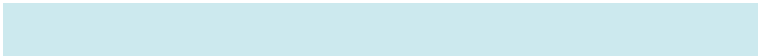
65.0728, 68.1377, 89.2027

Complementary

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



68.9594, 68.1377, 66.6441



69.4729, 77.2865, 92.1456

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.



62.5938, 68.1377, 87.5777



68.9594, 68.1377, 66.6441



59.9632, 68.1377, 75.0802

Square

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



68.9594, 68.1377, 66.6441



62.0713, 68.1377, 63.0336



60.7401, 68.1377, 82.2858



67.5311, 68.1377, 86.5915

Rectangle

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



68.9594, 68.1377, 66.6441



65.3146, 68.1377, 61.0175



60.7401, 68.1377, 82.2858



64.2142, 68.1377, 89.1345

Sweetspot

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



68.9613, 68.1407, 66.6455



90.7384, 93.9354, 99.5751



71.6282, 67.2737, 86.6513



19.2532, 19.8687, 20.9497



0.0000, 0.0000, 0.0000



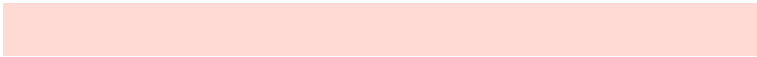
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9613, 68.1407, 66.6455



78.1589, 76.1545, 72.6360



73.2293, 76.6768, 68.0682



15.9605, 16.1342, 16.4227



20.0639, 10.9260, 1.0514



1.7261, 1.0229, 0.1065

Inverse Universe

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



69.4729, 77.2865, 92.1456



78.8587, 88.6814, 107.5687



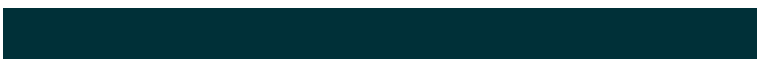
65.0109, 68.3625, 90.6583



16.0376, 17.5092, 20.2560



20.5953, 27.4148, 49.3340



1.7668, 2.3876, 4.1219

Previews

White Background



This preview shows how the XYZ color 68.9594, 68.1377, 66.6441 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 68.9594, 68.1377, 66.6441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

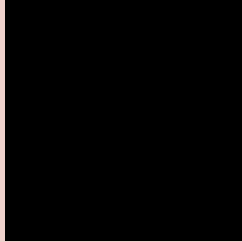
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9594, 68.1377, 66.6441

Background



This preview shows how black text looks on a background with the XYZ color 68.9594, 68.1377, 66.6441.



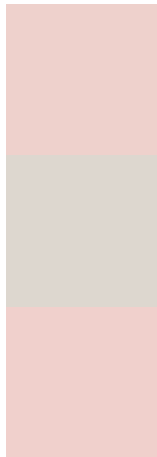
This preview shows how white text looks on a background with the XYZ color 68.9594, 68.1377,

66.6441.

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

68.9594, 68.1377, 66.6441

Protanopia

65.3817, 68.4780, 68.8031

Deuteranopia

69.3901, 67.9966, 66.5942



Tritanopia

71.1913, 67.9418, 78.4691

Trichromacy



Original Color

68.9594, 68.1377, 66.6441

Protanomaly

66.6134, 68.3756, 68.0794

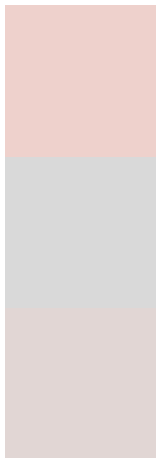
Deuteranomaly

69.0516, 67.8221, 66.5783

Tritanomaly

70.1752, 67.8827, 73.6940

Monochromacy



Original Color

68.9594, 68.1377, 66.6441

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.9816, 68.8542, 72.0472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9594, 68.1377, 66.6441 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(238, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 204)  
}
```

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(238, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 68.9594, 68.1377, 66.6441 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(238, 209, 204) }
```


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

```
.border{ border-color:rgb(238, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9594, 68.1377, 66.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 204) }
```

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

```
.background{ background-color: rgb(238,  
209, 204) }
```

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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