

Converting Colors

XYZ(67.8964, 69.1204, 69.1989)

Have a look what the booklet for
XYZ(67.8964, 69.1204, 69.1989)
contains.

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Color

**XYZ(67.8125, 68.9656,
69.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D5D0
RGB	230, 213, 208
RGB Percent	90%, 84%, 82%
CMY	0.0980, 0.1647, 0.1843
CMYK	0.00, 0.07, 0.10, 0.10
HSL	14°, 31%, 86%
HSV	14°, 10%, 90%
XYZ	67.8125, 68.9656, 69.4121
YIQ	217.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

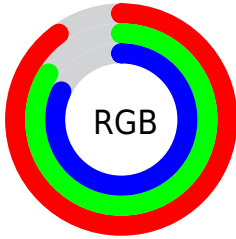
Format	Color
R _Y B	230, 214, 208
Decimal	15128016
CIE Lab	86.49, 5.03, 4.57
CIE LCh	86, 6.794, 42.296
Yxy	68.9656, 0.3289, 0.3345
Android (android.graphics.Color)	4293318096 (0xFFE6D5D0)
YUV	217.5130, -4.6899, 10.9511
Hunter-Lab	83.0455, 0.4281, 8.5754

Details

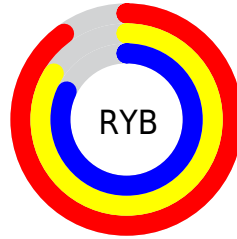
The XYZ color **67.8125, 68.9656, 69.4121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2202, 72.9719, 85.4056**, and the grayscale version is **66.3326, 69.7870, 75.9981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5152, 35.7855, 35.6073** is the 20% darker color. If you saturate the color by 10%, you get **60.9588, 59.4627, 54.1643**, and if you desaturate by 10%, it is **75.5701, 79.6181, 86.9874**.

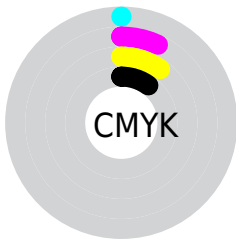
Distribution



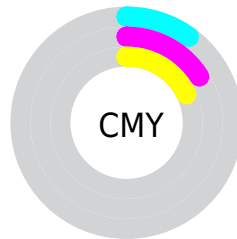
- Red (90%)
- Green (84%)
- Blue (82%)



- Red (90%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8125, 68.9656, 69.4121 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 67.8125, 68.9656, 69.4121 by changing the saturation by 10% instead.

67.8125, 68.9656,
69.4121

67.8125, 68.9656,
69.4121

442.2186,
456.9096, 477.2163

50.0183, 50.6837,
50.5736

115.1273,
117.7324, 120.0432

35.6458, 35.9569,
35.4950

145.3785,
148.9862, 152.6729

24.3296, 24.4009,
23.7578

180.5129,
185.3326, 190.7367

15.7044, 15.6313,
14.9435

220.8958,
227.1562, 234.6531

9.4047, 9.2636,
8.6336

266.8924,
274.8413, 284.8408

5.0653, 4.9135,
4.4094

318.8681,

2.3208, 2.1966,

328.7723, 341.7182

1.8525

377.1884,
389.3336, 405.7038

■ 0.8053, 0.7182,
0.4623

■ 0.0000, 0.0000,
0.0000

■ 67.8125, 68.9656,
69.4121

■ 67.8125, 68.9656,
69.4121

■ 60.9588, 59.4627,
54.1643

■ 75.5701, 79.6181,
86.9874

■ 54.9701, 51.0618,
41.1417

■ 84.2574, 91.4477,
106.9777

■ 49.8127, 43.7253,
30.2410

■ 86.4434, 95.5631,
108.4972

■ 45.4488, 37.4101,
21.3488

■ 41.8375, 32.0700,
14.3412

■ 38.9339, 27.6553,
9.0805

■ 36.6880, 24.1114,
5.4097

■ 35.0426, 21.3777,
3.1436

■ 33.9161, 19.3799,
1.9819

Harmonies

Analogous

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



68.5496, 68.9656, 73.2622



67.8125, 68.9656, 69.4121



66.4738, 68.9656, 67.1385

Triad

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



67.8125, 68.9656, 69.4121



62.7104, 68.9656, 72.4883



66.1960, 68.9656, 83.8772

Complementary

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



67.8125, 68.9656, 69.4121



67.2202, 72.9719, 85.4056

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.



64.6342, 68.9656, 83.6497



67.8125, 68.9656, 69.4121



62.6387, 68.9656, 76.9516

Square

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



67.8125, 68.9656, 69.4121



63.5353, 68.9656, 68.8651



63.3379, 68.9656, 81.0732



67.6063, 68.9656, 81.6830

Rectangle

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



67.8125, 68.9656, 69.4121



65.4287, 68.9656, 66.7649



63.3379, 68.9656, 81.0732



65.6710, 68.9656, 84.0838

Sweetspot

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



67.8144, 68.9686, 69.4136



91.9861, 95.8041, 101.9230



68.8122, 67.3847, 80.7816



19.5174, 20.2709, 21.4266



0.0000, 0.0000, 0.0000



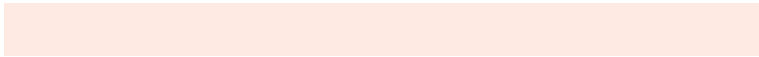
20.3446, 21.4041, 23.3091

Same Dimension

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



67.8144, 68.9686, 69.4136



84.3308, 85.2684, 84.6506



70.6120, 74.5638, 70.3461



14.6416, 14.8971, 15.0082



19.2543, 11.0828, 1.1244



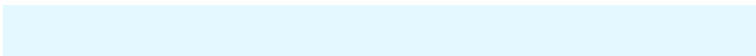
1.4919, 0.9572, 0.1061

Inverse Universe

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



67.2202, 72.9719, 85.4056



83.4710, 91.0591, 107.7845



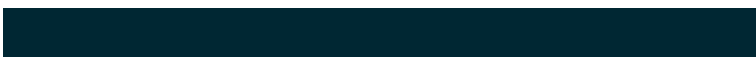
64.4019, 67.3353, 84.4662



14.5149, 15.7511, 18.4196



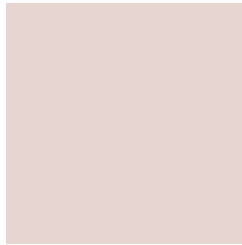
17.1598, 21.3818, 45.6058



1.3362, 1.7164, 3.3928

Previews

White Background



This preview shows how the XYZ color 67.8125, 68.9656, 69.4121 looks on a white background.

Color Contrast Check

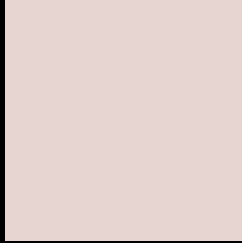
Large Text (above 18pt) WCAG AA × Fail

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 67.8125, 68.9656, 69.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

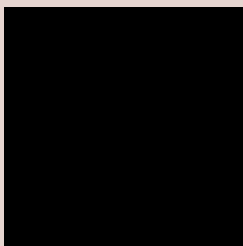
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

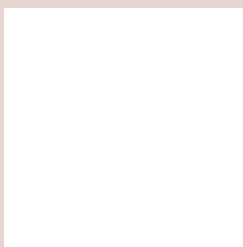
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8125, 68.9656, 69.4121

Background



This preview shows how black text looks on a background with the XYZ color 67.8125, 68.9656, 69.4121.



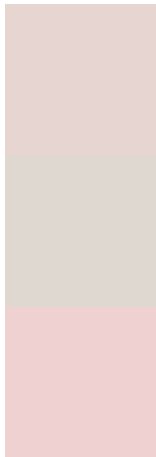
This preview shows how white text looks on a background with the XYZ color 67.8125, 68.9656,

69.4121.

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

67.8125, 68.9656, 69.4121

Protanopia

66.1887, 69.2448, 70.1987

Deuteranopia

70.2443, 68.7296, 69.8855



Tritanopia

70.5160, 68.9629, 82.2676

Trichromacy



Original Color

67.8125, 68.9656, 69.4121

Protanomaly

66.8604, 69.2119, 70.1569

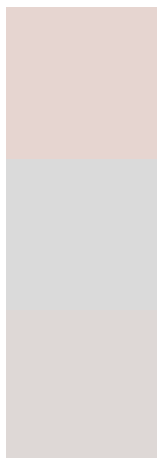
Deuteranomaly

69.1473, 68.5295, 69.9047

Tritanomaly

69.4912, 68.9116, 77.3488

Monochromacy



Original Color

67.8125, 68.9656, 69.4121

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8177, 69.4964, 73.5108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8125, 68.9656, 69.4121 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, 213, 208) looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 208)  
}
```

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, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.8125, 68.9656, 69.4121 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, 213, 208) }
```


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

```
.border{ border-color:rgb(230, 213, 208) }
```

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

Here you see how a box with a 4 pixel rgb(230, 213, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8125, 68.9656, 69.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 208) }
```

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

```
.background{ background-color: rgb(230,  
213, 208) }
```

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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