

Converting Colors

XYZ(64.7078, 67.2079, 68.3066)

Have a look what the booklet for
XYZ(64.7078, 67.2079, 68.3066)
contains.

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Color

**XYZ(64.8755, 67.4656,
68.6343)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD5CF
RGB	221, 213, 207
RGB Percent	87%, 84%, 81%
CMY	0.1333, 0.1647, 0.1882
CMYK	0.00, 0.04, 0.06, 0.13
HSL	26°, 17%, 84%
HSV	26°, 6%, 87%
XYZ	64.8755, 67.4656, 68.6343
YIQ	214.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

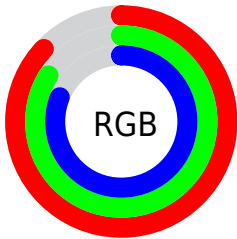
Format	Color
R _Y B	221, 218, 207
Decimal	14538191
CIE Lab	85.74, 1.71, 3.93
CIE LCh	86, 4.282, 66.515
Yxy	67.4656, 0.3228, 0.3357
Android (android.graphics.Color)	4292728271 (0xFFDDD5CF)
YUV	214.7080, -3.8000, 5.5181
Hunter-Lab	82.1374, -2.7540, 7.9533

Details

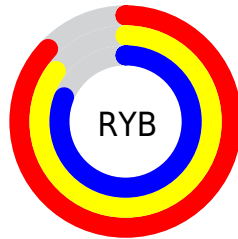
The XYZ color **64.8755, 67.4656, 68.6343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0836, 67.0857, 78.0314**, and the grayscale version is **64.4171, 67.7718, 73.8035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7025, 34.8606, 35.0895** is the 20% darker color. If you saturate the color by 10%, you get **59.3087, 60.3570, 54.3685**, and if you desaturate by 10%, it is **71.0714, 75.2256, 84.9773**.

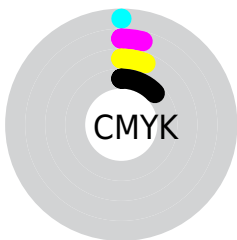
Distribution



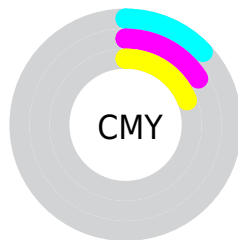
- Red (87%)
- Green (84%)
- Blue (81%)



- Red (87%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8755, 67.4656, 68.6343 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 64.8755, 67.4656, 68.6343 by changing the saturation by 10% instead.

■ 64.8755, 67.4656,
68.6343

■ 64.8755, 67.4656,
68.6343

431.8967,
451.6003, 474.3991

■ 47.6245, 49.4631,
49.9440

110.9376,
115.5873, 118.9219

■ 33.7396, 34.9870,
34.9981

140.4793,
146.4753, 151.3563

■ 22.8556, 23.6528,
23.3778

174.8486,
182.4273, 189.2091

■ 14.6070, 15.0763,
14.6648

214.4109,
223.8276, 232.8989

■ 8.6286, 8.8730,
8.4405

259.5315,
271.0607, 282.8443

■ 4.5549, 4.6584,
4.2863

310.5758,

■ 2.0206, 2.0483,

324.5109, 339.4638

1.7837

367.9090,
384.5626, 403.1758

■ 0.6455, 0.6353,
0.4172

■ 0.0000, 0.0000,
0.0000

■ 64.8755, 67.4656,
68.6343

■ 64.8755, 67.4656,
68.6343

■ 59.3087, 60.3570,
54.3685

■ 71.0714, 75.2256,
84.9773

■ 54.3443, 53.8737,
42.0914

■ 77.9110, 83.6449,
103.4723

■ 49.9615, 48.0002,
31.7146

■ 82.3265, 91.5071,
107.9313

■ 46.1363, 42.7173,
23.1410

■ 83.6291, 94.1123,
108.3655

■ 42.8429, 38.0047,
16.2652

■ 40.0529, 33.8405,
10.9704

■ 37.7349, 30.2013,
7.1250

■ 35.8531, 27.0611,
4.5754

■ 34.3637, 24.3903,
3.1293

Harmonies

Analogous

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



65.6456, 67.4656, 70.3039



64.8755, 67.4656, 68.6343



63.9111, 67.4656, 68.2424

Triad

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



64.8755, 67.4656, 68.6343



62.2758, 67.4656, 74.0706



65.2482, 67.4656, 77.8675

Complementary

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



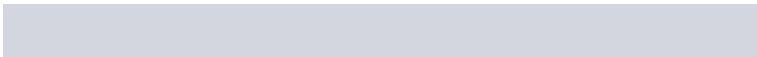
64.8755, 67.4656, 68.6343



63.0836, 67.0857, 78.0314

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.



64.3374, 67.4656, 78.9340



64.8755, 67.4656, 68.6343



62.6262, 67.4656, 76.7063

Square

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



64.8755, 67.4656, 68.6343



62.4166, 67.4656, 71.3356



63.3784, 67.4656, 78.5038



65.8623, 67.4656, 75.6233

Rectangle

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



64.8755, 67.4656, 68.6343



63.2891, 67.4656, 68.7492



63.3784, 67.4656, 78.5038



64.9663, 67.4656, 78.3782

Sweetspot

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



64.8774, 67.4685, 68.6358



93.3174, 97.8314, 104.3253



64.4197, 64.9136, 73.5375



19.9920, 20.9628, 22.3778



0.0000, 0.0000, 0.0000



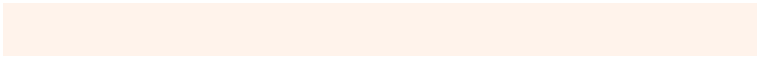
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8774, 67.4685, 68.6358



88.3327, 91.5451, 91.3089



66.6316, 70.9770, 69.2205



13.5129, 13.9652, 13.7089



19.7952, 13.8760, 1.6350



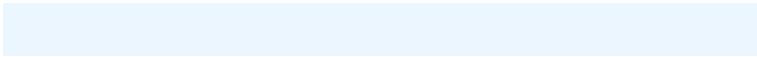
1.3668, 1.0678, 0.1341

Inverse Universe

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



63.0836, 67.0857, 78.0314



85.2113, 90.8788, 107.6580



61.3807, 63.6799, 77.4638



12.9529, 13.8456, 16.6419



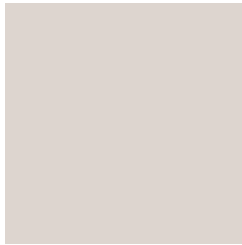
12.0470, 11.9634, 41.4126



0.8654, 0.9449, 2.7112

Previews

White Background



This preview shows how the XYZ color 64.8755, 67.4656, 68.6343 looks on a white background.

Color Contrast Check

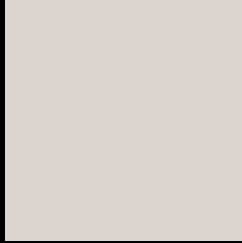
Large Text (above 18pt) WCAG AA × Fail

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 64.8755, 67.4656, 68.6343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

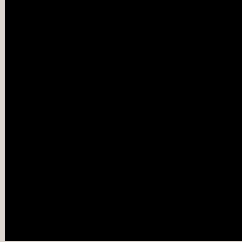
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

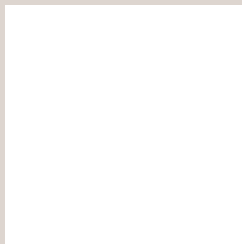
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8755, 67.4656, 68.6343

Background



This preview shows how black text looks on a background with the XYZ color 64.8755, 67.4656, 68.6343.

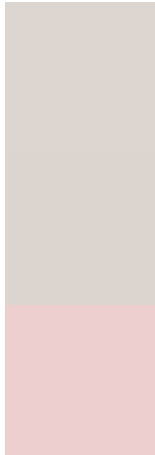


This preview shows how white text looks on a background with the XYZ color 64.8755, 67.4656,

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

64.8755, 67.4656, 68.6343

Protanopia

64.5719, 67.3091, 68.6201

Deuteranopia

68.6230, 67.1842, 69.0255



Tritanopia

67.6522, 67.4865, 82.1336

Trichromacy



Original Color

64.8755, 67.4656, 68.6343

Protanomaly

64.5719, 67.3091, 68.6201

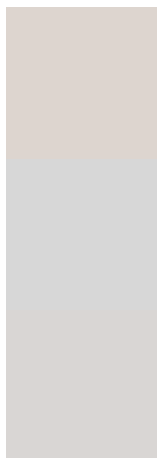
Deuteranomaly

67.1406, 67.1439, 69.0959

Tritanomaly

66.6440, 67.4438, 77.2156

Monochromacy



Original Color

64.8755, 67.4656, 68.6343

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5455, 67.5983, 71.9332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8755, 67.4656, 68.6343 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(221, 213, 207) looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 207)  
}
```

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(221, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 207) }
```

Border

The CSS property to change the border of an element to XYZ 64.8755, 67.4656, 68.6343 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(221, 213, 207) }
```


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

```
.border{ border-color:rgb(221, 213, 207) }
```

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

Here you see how a box with a 4 pixel rgb(221, 213, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8755, 67.4656, 68.6343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 207) }
```

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

```
.background{ background-color: rgb(221,  
213, 207) }
```

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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