

Converting Colors

XYZ(64.5065, 67.5636, 67.7185)

Have a look what the booklet for
XYZ(64.5065, 67.5636, 67.7185)
contains.

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Color

**XYZ(64.7023, 67.7650,
68.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD6CE
RGB	220, 214, 206
RGB Percent	86%, 84%, 81%
CMY	0.1373, 0.1608, 0.1922
CMYK	0.00, 0.03, 0.06, 0.14
HSL	34°, 17%, 84%
HSV	34°, 6%, 86%
XYZ	64.7023, 67.7650, 68.0623
YIQ	214.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

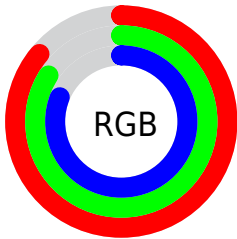
Format	Color
R_{YB}	217, 220, 206
Decimal	14472910
CIE _{Lab}	85.89, 0.67, 4.66
CIE _{LCh}	86, 4.711, 81.867
Yxy	67.7650, 0.3227, 0.3379
Android (android.graphics.Color)	4292662990 (0xFFD6CD6CE)
YUV	214.8820, -4.3788, 4.4885
Hunter-Lab	82.3195, -3.7599, 8.6023

Details

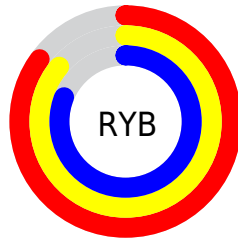
The XYZ color **64.7023, 67.7650, 68.0623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9152, 65.3749, 77.0662**, and the grayscale version is **64.5388, 67.8999, 73.9430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5827, 35.0626, 34.7035** is the 20% darker color. If you saturate the color by 10%, you get **59.8991, 62.1401, 54.1854**, and if you desaturate by 10%, it is **70.0213, 73.8214, 83.9584**.

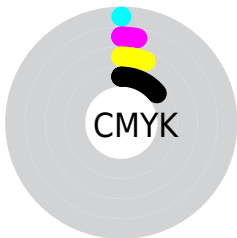
Distribution



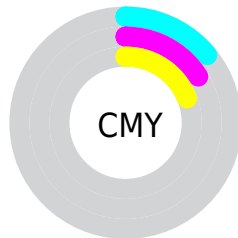
- Red (86%)
- Green (84%)
- Blue (81%)



- Red (85%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7023, 67.7650, 68.0623 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 64.7023, 67.7650, 68.0623 by changing the saturation by 10% instead.

■ 64.7023, 67.7650,
68.0623

■ 64.7023, 67.7650,
68.0623

431.2835,
452.6630, 472.3208

■ 47.4835, 49.7066,
49.4814

110.6898,
116.0159, 118.0963

■ 33.6276, 35.1803,
34.6332

140.1893,
146.9772, 150.3865

■ 22.7692, 23.8018,
23.0992

174.5131,
183.0081, 188.0836

■ 14.5429, 15.1867,
14.4608

214.0265,
224.4933, 231.6061

■ 8.5835, 8.9505,
8.2994

259.0949,
271.8169, 281.3725

■ 4.5254, 4.7089,
4.1966

310.0836,

■ 2.0035, 2.0775,

325.3635, 337.8014

1.7338

367.3580,
385.5174, 401.3113

■ 0.6359, 0.6519,
0.3838

■ 0.0000, 0.0000,
0.0000

■ 64.7023, 67.7650,
68.0623

■ 64.7023, 67.7650,
68.0623

■ 59.8991, 62.1401,
54.1854

■ 70.0213, 73.8214,
83.9584

■ 55.5884, 56.9270,
42.2412

■ 75.8674, 80.3107,
101.9468

■ 51.7532, 52.1173,
32.1434

■ 79.3985, 86.1019,
107.0423

■ 48.3731, 47.6990,
23.7972

■ 82.2798, 91.8644,
108.0027

■ 45.4263, 43.6593,
17.0995

■ 83.3255, 93.9558,
108.3513

■ 42.8887, 39.9845,
11.9360

■ 40.7332, 36.6595,
8.1780

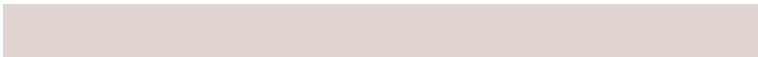
■ 38.9288, 33.6674,
5.6750

■ 37.4368, 30.9883,
4.2380

Harmonies

Analogous

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



65.6971, 67.7650, 69.2128



64.7023, 67.7650, 68.0623



63.6396, 67.7650, 68.4111

Triad

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



64.7023, 67.7650, 68.0623



62.5039, 67.7650, 76.0178



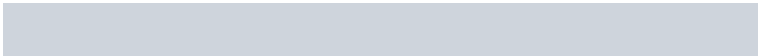
66.0529, 67.7650, 77.5114

Complementary

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



64.7023, 67.7650, 68.0623



61.9152, 65.3749, 77.0662

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.



65.1837, 67.7650, 79.4323



64.7023, 67.7650, 68.0623



63.1371, 67.7650, 78.5534

Square

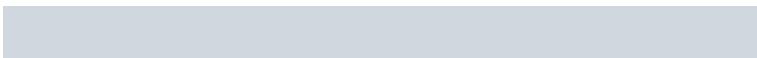
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.7023, 67.7650, 68.0623



62.3783, 67.7650, 72.9479



64.1158, 67.7650, 79.8189



66.4825, 67.7650, 74.6276

Rectangle

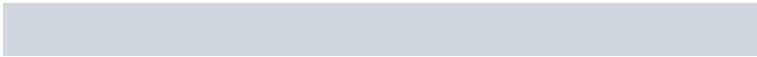
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7023, 67.7650, 68.0623



63.0350, 67.7650, 69.4513



64.1158, 67.7650, 79.8189



65.8020, 67.7650, 78.2944

Sweetspot

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



64.7042, 67.7680, 68.0638



93.5468, 98.2902, 104.4017



63.4794, 64.1161, 71.3622



20.0387, 21.0561, 22.3934



0.0000, 0.0000, 0.0000



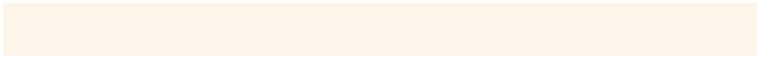
20.3446, 21.4041, 23.3091

Same Dimension

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



64.7042, 67.7680, 68.0638



89.2135, 93.3068, 91.6026



65.9680, 70.7138, 68.5658



13.6709, 14.2812, 13.7616



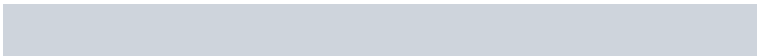
21.7970, 17.8796, 2.3023



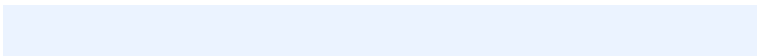
1.4970, 1.3281, 0.1774

Inverse Universe

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



61.9152, 65.3749, 77.0662



84.3305, 89.1171, 107.3644



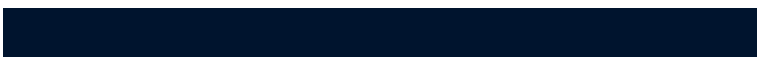
60.7040, 62.5667, 76.5880



12.7949, 13.5296, 16.5892



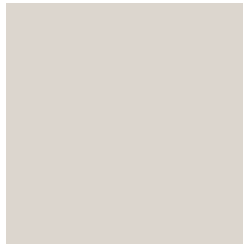
10.0480, 7.9654, 40.7463



0.7353, 0.6848, 2.6679

Previews

White Background



This preview shows how the XYZ color 64.7023, 67.7650, 68.0623 looks on a white background.

Color Contrast Check

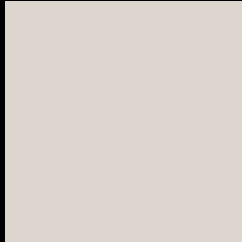
Large Text (above 18pt) WCAG AA × Fail

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 64.7023, 67.7650, 68.0623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

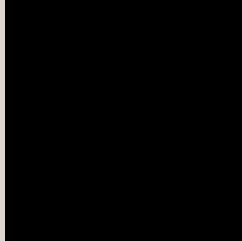
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

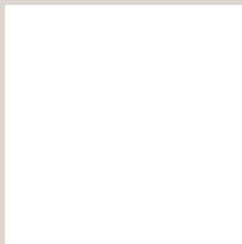
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7023, 67.7650, 68.0623

Background



This preview shows how black text looks on a background with the XYZ color 64.7023, 67.7650, 68.0623.

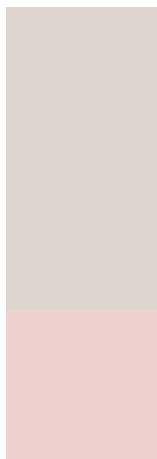


This preview shows how white text looks on a background with the XYZ color 64.7023, 67.7650,

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

64.7023, 67.7650, 68.0623

Protanopia

65.0059, 67.9215, 68.0765

Deuteranopia

69.0783, 67.7939, 68.4762



Tritanopia

67.5908, 67.8226, 82.2017

Trichromacy



Original Color

64.7023, 67.7650, 68.0623

Protanomaly

65.0059, 67.9215, 68.0765

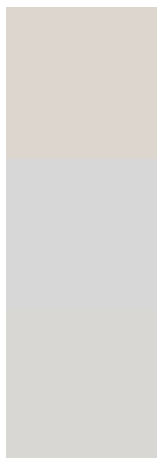
Deuteranomaly

67.2641, 67.5871, 68.5319

Tritanomaly

66.4539, 67.7310, 76.5887

Monochromacy



Original Color

64.7023, 67.7650, 68.0623

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7994, 68.1061, 72.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7023, 67.7650, 68.0623 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(220, 214, 206) looks like.

```
.text, #text, p{  
    color:rgb(220, 214, 206)  
}
```

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(220, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.7023, 67.7650, 68.0623 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(220, 214, 206) }
```


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

```
.border{ border-color:rgb(220, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7023, 67.7650, 68.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 214, 206) }
```

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

```
.background{ background-color: rgb(220,  
214, 206) }
```

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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