

Converting Colors

XYZ(64.6631, 67.2759, 69.9648)

Have a look what the booklet for
XYZ(64.6631, 67.2759, 69.9648)
contains.

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Color

**XYZ(64.8181, 67.4076,
69.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD5D1
RGB	220, 213, 209
RGB Percent	86%, 84%, 82%
CMY	0.1372, 0.1647, 0.1804
CMYK	0.00, 0.03, 0.05, 0.14
HSL	22°, 14%, 84%
HSV	22°, 5%, 86%
XYZ	64.8181, 67.4076, 69.9163
YIQ	214.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

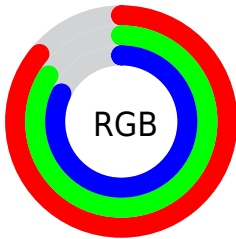
Format	Color
R _Y B	220, 215, 209
Decimal	14472657
CIE Lab	85.71, 1.70, 2.82
CIE LCh	86, 3.290, 58.846
Yxy	67.4076, 0.3207, 0.3335
Android (android.graphics.Color)	4292662737 (0xFFDCD5D1)
YUV	214.6370, -2.7790, 4.7034
Hunter-Lab	82.1021, -2.7563, 6.9815

Details

The XYZ color **64.8181, 67.4076, 69.9163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7686, 67.8334, 77.4432**, and the grayscale version is **64.3631, 67.7150, 73.7416**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6603, 34.8196, 35.9571** is the 20% darker color. If you saturate the color by 10%, you get **58.9118, 59.6565, 55.4244**, and if you desaturate by 10%, it is **71.4081, 75.9224, 86.4934**.

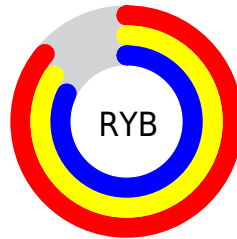
Distribution



Red (86%)

Green (84%)

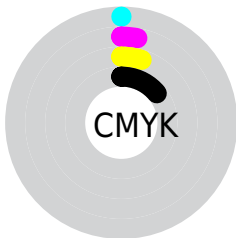
Blue (82%)



Red (86%)

Yellow (84%)

Blue (82%)

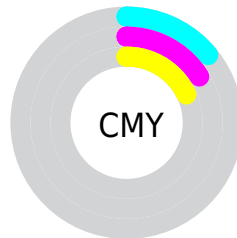


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8181, 67.4076, 69.9163 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 64.8181, 67.4076, 69.9163 by changing the saturation by 10% instead.

■ 64.8181, 67.4076,
69.9163

■ 64.8181, 67.4076,
69.9163

431.6936,
451.3942, 479.0372

■ 47.5777, 49.4159,
50.9819

110.8555,
115.5043, 120.7694

■ 33.7025, 34.9495,
35.8176

140.3832,
146.3781, 153.5252

■ 22.8269, 23.6240,
24.0048

174.7374,
182.3147, 191.7252

■ 14.5858, 15.0549,
15.1249

214.2835,
223.6986, 235.7879

■ 8.6136, 8.8580,
8.7595

259.3868,
270.9141, 286.1319

■ 4.5451, 4.6486,
4.4900

310.4127,

■ 2.0149, 2.0426,

324.3456, 343.1758

1.8978

367.7265,
384.3775, 407.3381

■ 0.6423, 0.6321,
0.4913

■ 0.0000, 0.0000,
0.0000

■ 64.8181, 67.4076,
69.9163

■ 64.8181, 67.4076,
69.9163

■ 58.9118, 59.6565,
55.4244

■ 71.4081, 75.9224,
86.4934

■ 53.6605, 52.6390,
42.9300

■ 78.6979, 85.2126,
105.2299

■ 49.0418, 46.3354,
32.3459

■ 83.3200, 93.9447,
108.3495

■ 45.0298, 40.7223,
23.5764

■ 83.3256, 93.9558,
108.3513

■ 41.5967, 35.7746,
16.5174

■ 38.7121, 31.4656,
11.0544

■ 36.3426, 27.7665,
7.0585

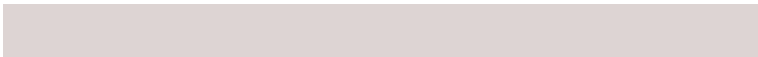
■ 34.4502, 24.6458,
4.3803

■ 32.9901, 22.0683,
2.8375

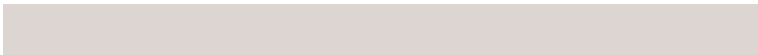
Harmonies

Analogous

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



65.3408, 67.4076, 71.4202



64.8181, 67.4076, 69.9163



64.0980, 67.4076, 69.3418

Triad

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



64.8181, 67.4076, 69.9163



62.6374, 67.4076, 73.3123



64.7674, 67.4076, 77.0740

Complementary

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



64.8181, 67.4076, 69.9163



63.7686, 67.8334, 77.4432

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.



64.0399, 67.4076, 77.6040



64.8181, 67.4076, 69.9163



62.8136, 67.4076, 75.4068

Square

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



64.8181, 67.4076, 69.9163



62.8423, 67.4076, 71.2788



63.3255, 67.4076, 76.9881



65.3114, 67.4076, 75.5536

Rectangle

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



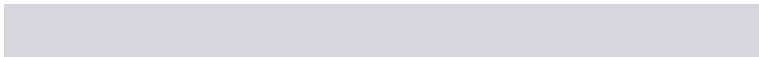
64.8181, 67.4076, 69.9163



63.6040, 67.4076, 69.5545



63.3255, 67.4076, 76.9881



64.5360, 67.4076, 77.3752

Sweetspot

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



64.8200, 67.4105, 69.9178



94.1269, 98.8064, 106.5803



64.7307, 65.7832, 74.3542



20.1568, 21.1612, 22.8370



0.0000, 0.0000, 0.0000



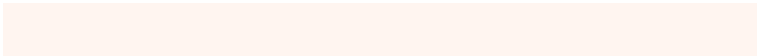
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8200, 67.4105, 69.9178



89.6575, 93.0011, 95.4302



66.1870, 70.1446, 70.3734



13.8120, 14.3074, 14.5974



19.1060, 12.4977, 1.4053



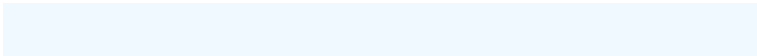
1.3181, 0.9704, 0.1178

Inverse Universe

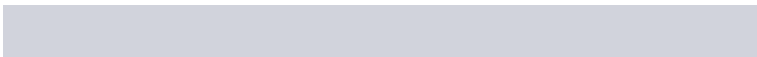
The Inverse Universe completely reimagines the original color for something new.



63.7686, 67.8334, 77.4432



87.8925, 93.7109, 108.0633



62.4212, 65.1385, 76.9941



13.5148, 14.4269, 16.7245



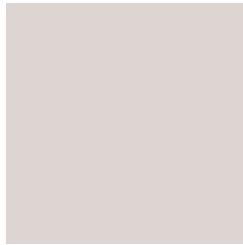
13.1883, 14.2461, 41.7931



0.9353, 1.0847, 2.7345

Previews

White Background



This preview shows how the XYZ color 64.8181, 67.4076, 69.9163 looks on a white background.

Color Contrast Check

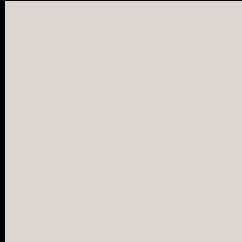
Large Text (above 18pt) WCAG AA × Fail

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 64.8181, 67.4076, 69.9163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

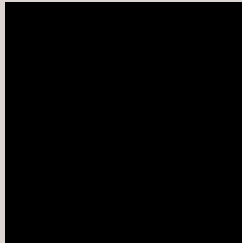
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

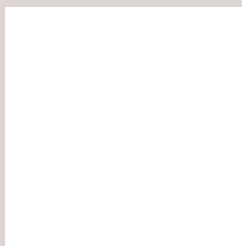
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8181, 67.4076, 69.9163

Background



This preview shows how black text looks on a background with the XYZ color 64.8181, 67.4076, 69.9163.

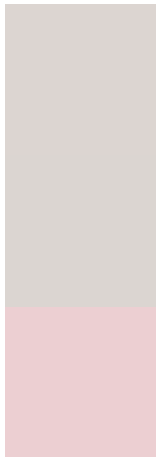


This preview shows how white text looks on a background with the XYZ color 64.8181, 67.4076,

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

64.8181, 67.4076, 69.9163

Protanopia

64.5163, 67.2520, 69.9022

Deuteranopia

68.5378, 67.1117, 70.3143



Tritanopia

67.3431, 67.3272, 82.1191

Trichromacy



Original Color

64.8181, 67.4076, 69.9163

Protanomaly

64.5163, 67.2520, 69.9022

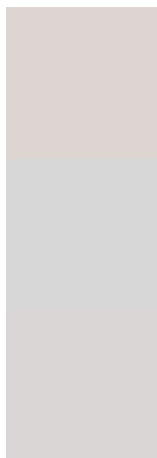
Deuteranomaly

67.0664, 67.0771, 70.3852

Tritanomaly

66.3367, 67.2854, 77.2012

Monochromacy



Original Color

64.8181, 67.4076, 69.9163

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6721, 67.6489, 72.5998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8181, 67.4076, 69.9163 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, 213, 209) looks like.

```
.text, #text, p{  
    color:rgb(220, 213, 209)  
}
```

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, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.8181, 67.4076, 69.9163 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, 213, 209) }
```


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

```
.border{ border-color:rgb(220, 213, 209) }
```

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

Here you see how a box with a 4 pixel rgb(220, 213, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8181, 67.4076, 69.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 209) }
```

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

```
.background{ background-color: rgb(220,  
213, 209) }
```

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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