

Converting Colors

XYZ(64.6342, 68.1282, 69.4185)

Have a look what the booklet for
XYZ(64.6342, 68.1282, 69.4185)
contains.

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Color

**XYZ(64.5990, 68.0604,
69.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD7D0
RGB	218, 215, 208
RGB Percent	85%, 84%, 82%
CMY	0.1451, 0.1568, 0.1843
CMYK	0.00, 0.01, 0.05, 0.15
HSL	42°, 12%, 84%
HSV	42°, 5%, 85%
XYZ	64.5990, 68.0604, 69.4067
YIQ	215.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

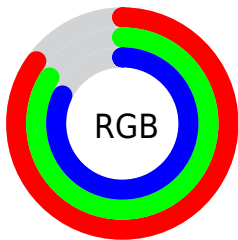
Format	Color
R _Y B	212, 218, 208
Decimal	14342096
CIE Lab	86.04, -0.20, 3.80
CIE LCh	86, 3.806, 93.086
Yxy	68.0604, 0.3197, 0.3368
Android (android.graphics.Color)	4292532176 (0xFFDAD7D0)
YUV	215.0990, -3.4998, 2.5442
Hunter-Lab	82.4987, -4.6019, 7.8681

Details

The XYZ color **64.5990, 68.0604, 69.4067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9614, 65.0592, 75.6223**, and the grayscale version is **64.6810, 68.0495, 74.1059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5078, 35.2612, 35.6119** is the 20% darker color. If you saturate the color by 10%, you get **60.4699, 63.8029, 55.6948**, and if you desaturate by 10%, it is **69.1670, 72.6041, 85.0854**.

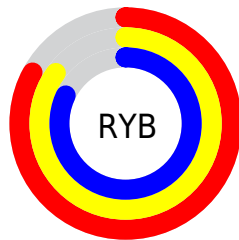
Distribution



Red (85%)

Green (84%)

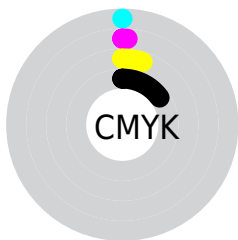
Blue (82%)



Red (83%)

Yellow (85%)

Blue (82%)

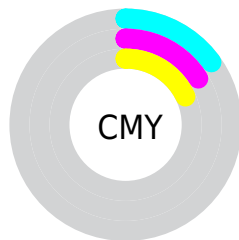


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5990, 68.0604, 69.4067 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 64.5990, 68.0604, 69.4067 by changing the saturation by 10% instead.

■ 64.5990, 68.0604,
69.4067

■ 64.5990, 68.0604,
69.4067

430.9176,
453.7100, 477.1968

■ 47.3995, 49.9469,
50.5692

110.5421,
116.4385, 120.0354

■ 33.5608, 35.3712,
35.4915

140.0163,
147.4720, 152.6638

■ 22.7177, 23.9489,
23.7552

174.3129,
183.5808, 190.7261

■ 14.5048, 15.2958,
14.9416

213.7971,
225.1494, 234.6410

■ 8.5566, 9.0272,
8.6322

258.8343,
272.5623, 284.8269

■ 4.5079, 4.7589,
4.4086

309.7899,

■ 1.9933, 2.1065,

326.2037, 341.7025

1.8521

367.0292,
386.4582, 405.6863

■ 0.6302, 0.6683,
0.4620

■ 0.0000, 0.0000,
0.0000

■ 64.5990, 68.0604,
69.4067

■ 64.5990, 68.0604,
69.4067

■ 60.4699, 63.8029,
55.6948

■ 69.1670, 72.6041,
85.0854

■ 56.7583, 59.8153,
43.8663

■ 74.1831, 77.4322,
102.8009

■ 53.4494, 56.0924,
33.8383

■ 76.5569, 81.3120,
106.2675

■ 50.5251, 52.6259,
25.5201

■ 78.4570, 85.1120,
106.9009

■ 47.9661, 49.4067,
18.8130

■ 80.4263, 89.0507,
107.5573

■ 45.7507, 46.4249,
13.6080

■ 82.4657, 93.1295,
108.2371

■ 43.8551, 43.6695,
9.7827

■ 82.7237, 93.6456,
108.3231

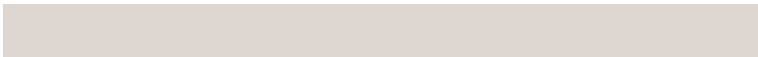
■ 42.2514, 41.1280,
7.1950

■ 40.9059, 38.7856,
5.6719

Harmonies

Analogous

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



65.4525, 68.0604, 69.8998



64.5990, 68.0604, 69.4067



63.7769, 68.0604, 70.1492

Triad

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



64.5990, 68.0604, 69.4067



63.2925, 68.0604, 76.7628



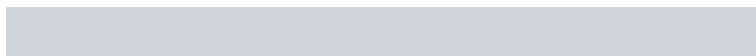
66.1984, 68.0604, 76.3046

Complementary

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



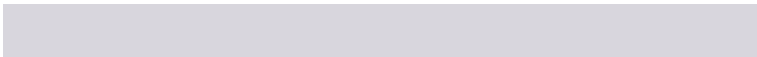
64.5990, 68.0604, 69.4067



61.9614, 65.0592, 75.6223

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.



65.6105, 68.0604, 78.2093



64.5990, 68.0604, 69.4067



63.9322, 68.0604, 78.4780

Square

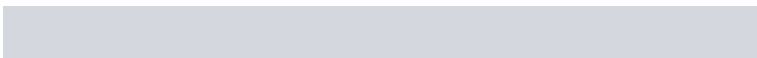
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5990, 68.0604, 69.4067



63.0269, 68.0604, 74.3654



64.7798, 68.0604, 79.0132



66.3808, 68.0604, 73.8476

Rectangle

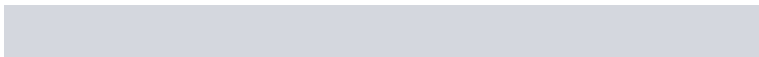
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.5990, 68.0604, 69.4067



63.3559, 68.0604, 71.2549



64.7798, 68.0604, 79.0132



66.0414, 68.0604, 77.0325

Sweetspot

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



64.6009, 68.0634, 69.4082



94.3989, 99.3504, 106.6710



63.2280, 64.7213, 70.7889



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



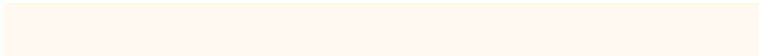
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6009, 68.0634, 69.4082



91.2388, 96.1639, 95.9573



64.7762, 69.2965, 69.6370



14.0783, 14.8401, 14.6862



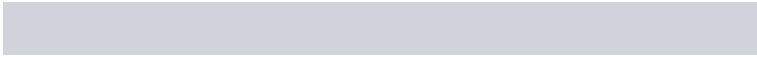
24.2149, 22.7154, 3.1082



1.6428, 1.6196, 0.2260

Inverse Universe

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



61.9614, 65.0592, 75.6223



86.3194, 90.5649, 107.5390



61.7900, 63.8763, 75.4030



13.2500, 13.8973, 16.6362



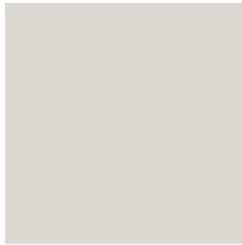
8.8072, 5.4838, 40.3327



0.6449, 0.5039, 2.6377

Previews

White Background



This preview shows how the XYZ color 64.5990, 68.0604, 69.4067 looks on a white background.

Color Contrast Check

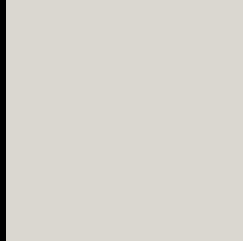
Large Text (above 18pt) WCAG AA × Fail

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 64.5990, 68.0604, 69.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

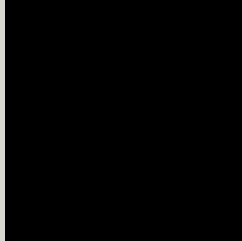
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

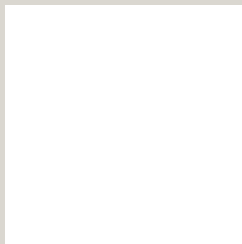
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5990, 68.0604, 69.4067

Background



This preview shows how black text looks on a background with the XYZ color 64.5990, 68.0604, 69.4067.

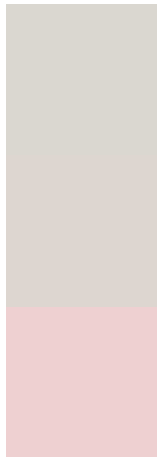


This preview shows how white text looks on a background with the XYZ color 64.5990, 68.0604,

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

64.5990, 68.0604, 69.4067

Protanopia

65.2505, 68.0194, 69.3645

Deuteranopia

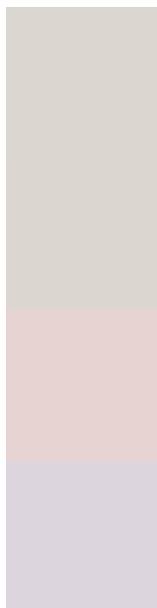
69.3244, 67.8923, 69.7723



Tritanopia

67.5051, 68.1163, 83.7186

Trichromacy



Original Color

64.5990, 68.0604, 69.4067

Protanomaly

64.9469, 67.8628, 69.3503

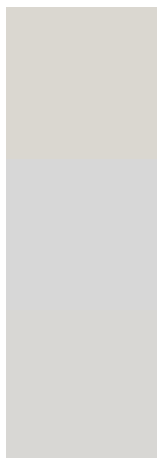
Deuteranomaly

67.7579, 68.1809, 69.9106

Tritanomaly

66.3606, 68.0246, 78.0391

Monochromacy



Original Color

64.5990, 68.0604, 69.4067

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5030, 67.9533, 72.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5990, 68.0604, 69.4067 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(218, 215, 208) looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 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(218, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 208) }
```

Border

The CSS property to change the border of an element to XYZ 64.5990, 68.0604, 69.4067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

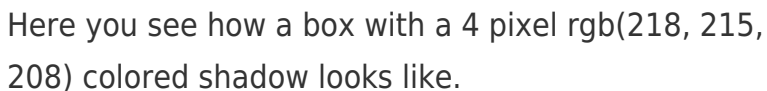
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 208) }
```


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

```
.border{ border-color:rgb(218, 215, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 215, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 215, 208); box-shadow:4px 4px 4px 4px rgb(218, 215, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5990, 68.0604, 69.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 208) }
```

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

```
.background{ background-color: rgb(218,  
215, 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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