

Converting Colors

XYZ(64.7067, 66.7250, 70.3983)

Have a look what the booklet for
XYZ(64.7067, 66.7250, 70.3983)
contains.

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Color

**XYZ(64.7459, 66.6138,
70.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD3D2
RGB	221, 211, 210
RGB Percent	87%, 83%, 82%
CMY	0.1333, 0.1725, 0.1765
CMYK	0.00, 0.05, 0.05, 0.13
HSL	5°, 14%, 85%
HSV	5°, 5%, 87%
XYZ	64.7459, 66.6138, 70.4180
YIQ	213.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

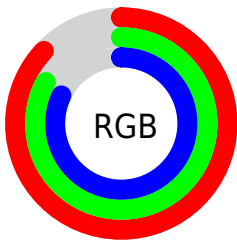
Format	Color
R _Y B	221, 211, 210
Decimal	14537682
CIE Lab	85.31, 3.27, 1.71
CIE LCh	85, 3.688, 27.674
Yxy	66.6138, 0.3209, 0.3301
Android (android.graphics.Color)	4292727762 (0xFFDDD3D2)
YUV	213.8760, -1.9109, 6.2477
Hunter-Lab	81.6173, -1.2286, 5.9777

Details

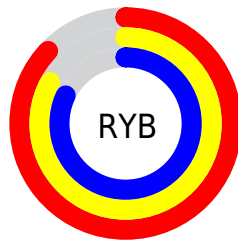
The XYZ color **64.7459, 66.6138, 70.4180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2226, 70.1074, 78.5020**, and the grayscale version is **63.8442, 67.1690, 73.1471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7836, 34.6212, 36.3545** is the 20% darker color. If you saturate the color by 10%, you get **57.4994, 56.2265, 55.3434**, and if you desaturate by 10%, it is **72.9998, 78.4057, 87.7059**.

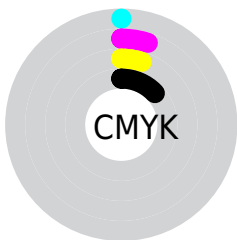
Distribution



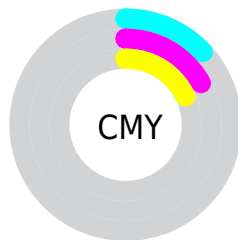
- Red (87%)
- Green (83%)
- Blue (82%)



- Red (87%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7459, 66.6138, 70.4180 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 64.7459, 66.6138, 70.4180 by changing the saturation by 10% instead.

■ 64.7459, 66.6138,
70.4180

■ 64.7459, 66.6138,
70.4180

431.4379,
448.5688, 480.8450

■ 47.5190, 48.7708,
51.3885

110.7522,
114.3669, 121.4914

■ 33.6558, 34.4377,
36.1390

140.2623,
145.0457, 154.3723

■ 22.7909, 23.2301,
24.2510

174.5976,
180.7720, 192.7074

■ 14.5591, 14.7635,
15.3060

214.1233,
221.9302, 236.9153

■ 8.5948, 8.6536,
8.8854

259.2048,
268.9045, 287.4144

■ 4.5328, 4.5159,
4.5707

310.2075,

■ 2.0078, 1.9661,

322.0795, 344.6234

1.9434

367.4968,
381.8395, 408.9608

■ 0.6383, 0.5877,
0.5201

■ 0.0000, 0.0000,
0.0000

■ 64.7459, 66.6138,
70.4180

■ 64.7459, 66.6138,
70.4180

■ 57.4994, 56.2265,
55.3434

■ 72.9998, 78.4057,
87.7059

■ 51.2163, 47.1831,
42.3887

■ 82.2918, 91.6428,
107.2869

■ 45.8576, 39.4314,
31.4600

■ 83.6292, 94.1123,
108.3655

■ 41.3796, 32.9122,
22.4547

■ 37.7350, 27.5621,
15.2615

■ 34.8719, 23.3117,
9.7572

■ 32.7326, 20.0844,
5.8038

■ 31.2516, 17.7936,
3.2410

■ 30.3509, 16.3383,
1.8736

Harmonies

Analogous

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



64.9310, 66.6138, 72.7178



64.7459, 66.6138, 70.4180



64.1762, 66.6138, 68.7173

Triad

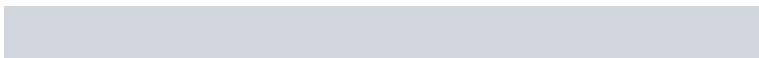
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.7459, 66.6138, 70.4180



61.9684, 66.6138, 70.1017



63.2493, 66.6138, 77.2196

Complementary

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



64.7459, 66.6138, 70.4180



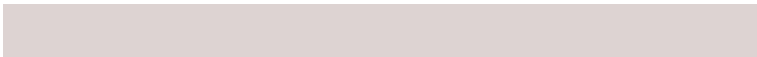
65.2226, 70.1074, 78.5020

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.



62.4604, 66.6138, 76.4834



64.7459, 66.6138, 70.4180



61.7249, 66.6138, 72.3448

Square

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



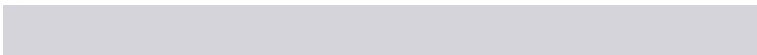
64.7459, 66.6138, 70.4180



62.5722, 66.6138, 68.5376



61.9042, 66.6138, 74.6861



64.0625, 66.6138, 76.6768

Rectangle

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



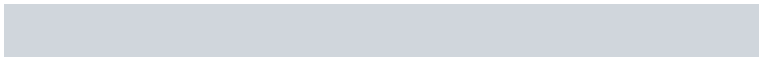
64.7459, 66.6138, 70.4180



63.6575, 66.6138, 68.1342



61.9042, 66.6138, 74.6861



62.9725, 66.6138, 77.1132

Sweetspot

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



64.7478, 66.6167, 70.4194



93.9073, 98.3672, 106.5071



65.7956, 66.6380, 77.1635



20.1121, 21.0718, 22.8221



0.0000, 0.0000, 0.0000



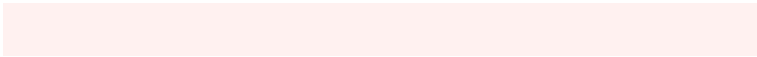
20.3446, 21.4041, 23.3091

Same Dimension

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



64.7478, 66.6167, 70.4194



88.4074, 90.5010, 95.0135



66.1153, 69.3517, 70.8753



13.6019, 13.8873, 14.5274



17.5049, 9.2953, 0.8716



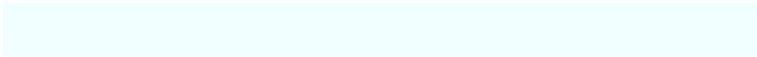
1.1677, 0.6695, 0.0677

Inverse Universe

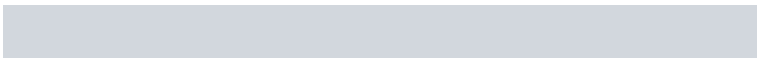
The Inverse Universe completely reimagines the original color for something new.



65.2226, 70.1074, 78.5020



89.1996, 96.3252, 108.4990



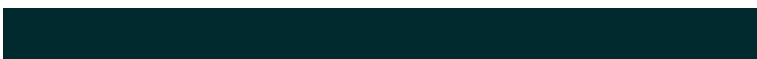
63.8249, 67.3120, 78.0360



13.7353, 14.8680, 16.7980



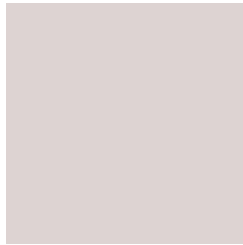
19.7362, 27.3419, 43.9757



1.3089, 1.8320, 2.8591

Previews

White Background



This preview shows how the XYZ color 64.7459, 66.6138, 70.4180 looks on a white background.

Color Contrast Check

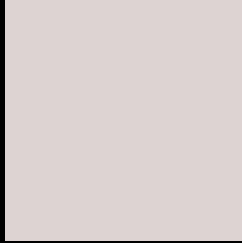
Large Text (above 18pt) WCAG AA × Fail

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 64.7459, 66.6138, 70.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

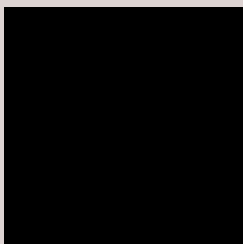
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

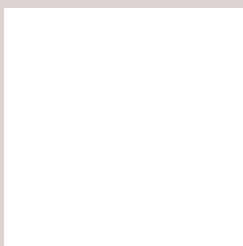
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7459, 66.6138, 70.4180

Background



This preview shows how black text looks on a background with the XYZ color 64.7459, 66.6138, 70.4180.



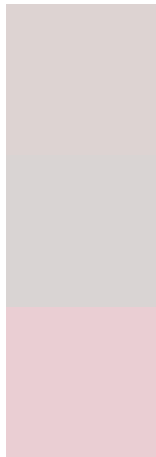
This preview shows how white text looks on a background with the XYZ color 64.7459, 66.6138,

70.4180.

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

64.7459, 66.6138, 70.4180

Protanopia

63.9166, 66.5418, 71.1031

Deuteranopia

67.7609, 66.3382, 70.8612



Tritanopia

66.8225, 66.7251, 80.5915

Trichromacy



Original Color

64.7459, 66.6138, 70.4180

Protanomaly

64.2148, 66.6955, 71.1171

Deuteranomaly

66.6268, 66.4729, 70.9470

Tritanomaly

66.0891, 66.7901, 77.1187

Monochromacy



Original Color

64.7459, 66.6138, 70.4180

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4198, 67.1443, 72.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7459, 66.6138, 70.4180 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, 211, 210) looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 210)  
}
```

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, 211, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 210) }
```

Border

The CSS property to change the border of an element to XYZ 64.7459, 66.6138, 70.4180 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, 211, 210) }
```


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

```
.border{ border-color:rgb(221, 211, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 210);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7459, 66.6138, 70.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 210) }
```

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

```
.background{ background-color: rgb(221,  
211, 210) }
```

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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