

Converting Colors

XYZ(63.7707, 66.5108, 70.6114)

Have a look what the booklet for
XYZ(63.7707, 66.5108, 70.6114)
contains.

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Color

**XYZ(63.7916, 66.4918,
70.4448)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D4D2
RGB	217, 212, 210
RGB Percent	85%, 83%, 82%
CMY	0.1490, 0.1686, 0.1765
CMYK	0.00, 0.02, 0.03, 0.15
HSL	17°, 8%, 84%
HSV	17°, 3%, 85%
XYZ	63.7916, 66.4918, 70.4448
YIQ	213.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

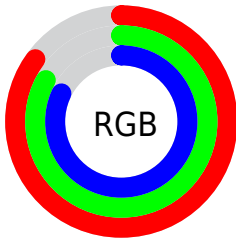
Format	Color
R _Y B	217, 213, 210
Decimal	14275794
CIE Lab	85.25, 1.36, 1.58
CIE LCh	85, 2.089, 49.336
Yxy	66.4918, 0.3178, 0.3313
Android (android.graphics.Color)	4292465874 (0xFFD9D4D2)
YUV	213.2670, -1.6106, 3.2738
Hunter-Lab	81.5425, -3.0569, 5.8590

Details

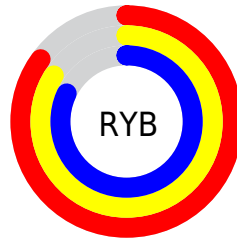
The XYZ color **63.7916, 66.4918, 70.4448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4032, 67.3113, 75.2972**, and the grayscale version is **63.4348, 66.7384, 72.6781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9580, 34.1956, 36.3158** is the 20% darker color. If you saturate the color by 10%, you get **57.5819, 58.1091, 55.9288**, and if you desaturate by 10%, it is **70.7431, 75.7698, 87.0184**.

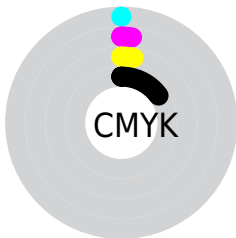
Distribution



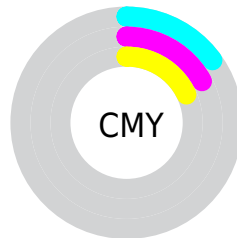
- Red (85%)
- Green (83%)
- Blue (82%)



- Red (85%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7916, 66.4918, 70.4448 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 63.7916, 66.4918, 70.4448 by changing the saturation by 10% instead.

■ 63.7916, 66.4918,
70.4448

■ 63.7916, 66.4918,
70.4448

428.0508,
448.1337, 480.9415

■ 46.7430, 48.6717,
51.4102

109.3862,
114.1919, 121.5299

■ 33.0396, 34.3592,
36.1562

138.6628,
144.8408, 154.4175

■ 22.3162, 23.1697,
24.2642

172.7461,
180.5346, 192.7598

■ 14.2073, 14.7188,
15.3157

212.0015,
221.6580, 236.9754

■ 8.3476, 8.6223,
8.8922

256.7943,
268.5952, 287.4829

■ 4.3719, 4.4956,
4.5751

307.4899,

■ 1.9146, 1.9545,

321.7306, 344.7007

1.9458

364.4536,
381.4486, 409.0474

■ 0.5853, 0.5808,
0.5217

■ 0.0000, 0.0000,
0.0000

■ 63.7916, 66.4918,
70.4448

■ 63.7916, 66.4918,
70.4448

■ 57.5819, 58.1091,
55.9288

■ 70.7431, 75.7698,
87.0184

■ 52.0835, 50.5864,
43.3853

■ 78.4546, 85.9600,
105.7214

■ 47.2715, 43.8985,
32.7299

■ 82.4256, 93.4919,
108.3092

■ 43.1179, 38.0160,
23.8702

■ 39.5923, 32.9074,
16.7060

■ 36.6619, 28.5394,
11.1272

■ 34.2906, 24.8758,
7.0106

■ 32.4379, 21.8771,
4.2144

■ 31.0566, 19.4993,
2.5677

Harmonies

Analogous

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



64.0586, 66.4918, 71.5412



63.7916, 66.4918, 70.4448



63.3665, 66.4918, 69.8743

Triad

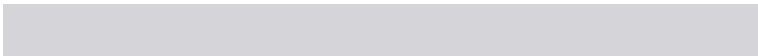
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.7916, 66.4918, 70.4448



62.3109, 66.4918, 71.9184



63.4994, 66.4918, 74.8783

Complementary

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



63.7916, 66.4918, 70.4448



63.4032, 67.3113, 75.2972

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.



63.0307, 66.4918, 74.9823



63.7916, 66.4918, 70.4448



62.3461, 66.4918, 73.2622

Square

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



63.7916, 66.4918, 70.4448



62.5126, 66.4918, 70.7180



62.6090, 66.4918, 74.3875



63.8893, 66.4918, 74.1049

Rectangle

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



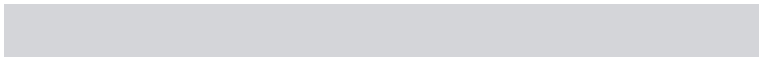
63.7916, 66.4918, 70.4448



63.0514, 66.4918, 69.8641



62.6090, 66.4918, 74.3875



63.3458, 66.4918, 74.9930

Sweetspot

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



63.7935, 66.4947, 70.4462



94.0642, 98.6811, 106.5594



63.9307, 65.7531, 73.6242



20.1440, 21.1357, 22.8328



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.



63.7935, 66.4947, 70.4462



91.1722, 94.8029, 99.7197



64.6727, 68.2532, 70.7393



14.0211, 14.5494, 15.2107



18.4472, 11.1800, 1.1857



1.2679, 0.8699, 0.1011

Inverse Universe

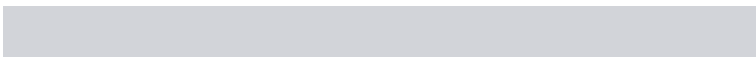
The Inverse Universe completely reimagines the original color for something new.



63.4032, 67.3113, 75.2972



90.4721, 96.2678, 108.4209



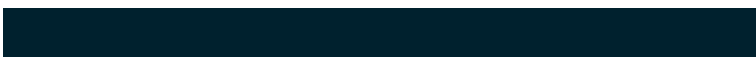
62.5265, 65.5581, 75.0050



13.8949, 14.8134, 16.7791



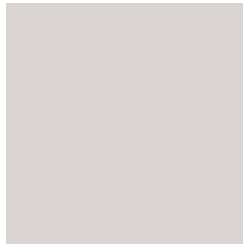
14.7598, 17.3891, 42.3169



1.0284, 1.2710, 2.7656

Previews

White Background



This preview shows how the XYZ color 63.7916, 66.4918, 70.4448 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 63.7916, 66.4918, 70.4448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

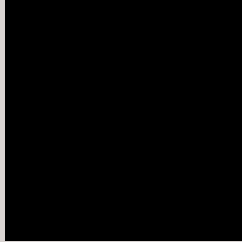
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

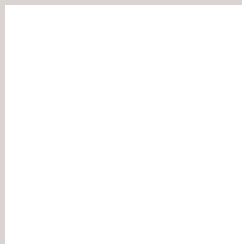
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7916, 66.4918, 70.4448

Background



This preview shows how black text looks on a background with the XYZ color 63.7916, 66.4918, 70.4448.

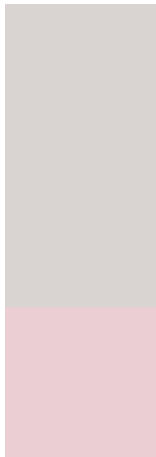


This preview shows how white text looks on a background with the XYZ color 63.7916, 66.4918,

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

63.7916, 66.4918, 70.4448

Protanopia

63.7916, 66.4918, 70.4448

Deuteranopia

67.7609, 66.3382, 70.8612



Tritanopia

65.9875, 66.6442, 81.3372

Trichromacy



Original Color

63.7916, 66.4918, 70.4448

Protanomaly

63.7916, 66.4918, 70.4448

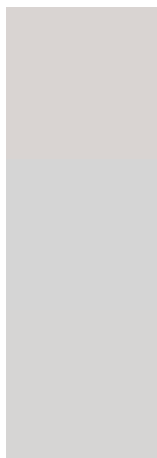
Deuteranomaly

66.3087, 66.3089, 70.9321

Tritanomaly

65.1260, 66.6613, 77.1445

Monochromacy



Original Color

63.7916, 66.4918, 70.4448

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4095, 66.6381, 71.8078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7916, 66.4918, 70.4448 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(217, 212, 210) looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 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(217, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 210) }
```

Border

The CSS property to change the border of an element to XYZ 63.7916, 66.4918, 70.4448 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(217, 212, 210) }
```


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

```
.border{ border-color:rgb(217, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7916, 66.4918, 70.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 210) }
```

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

```
.background{ background-color: rgb(217,  
212, 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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