

Converting Colors

XYZ(64.2800, 67.1534, 72.5719)

Have a look what the booklet for
XYZ(64.2800, 67.1534, 72.5719)
contains.

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Color

**XYZ(64.1234, 66.9915,
72.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D5D5
RGB	216, 213, 213
RGB Percent	85%, 84%, 84%
CMY	0.1529, 0.1647, 0.1647
CMYK	0.00, 0.01, 0.01, 0.15
HSL	0°, 4%, 84%
HSV	0°, 1%, 85%
XYZ	64.1234, 66.9915, 72.5018
YIQ	213.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

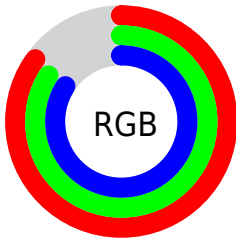
Format	Color
R _Y B	216, 213, 213
Decimal	14210517
CIE Lab	85.50, 1.03, 0.35
CIE LCh	85, 1.087, 18.950
Yxy	66.9915, 0.3149, 0.3290
Android (android.graphics.Color)	4292400597 (0xFFD8D5D5)
YUV	213.8970, -0.4422, 1.8443
Hunter-Lab	81.8483, -3.3902, 4.7744

Details

The XYZ color **64.1234, 66.9915, 72.5018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3912, 68.2149, 74.7397**, and the grayscale version is **63.8509, 67.1761, 73.1548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0964, 34.4994, 37.2624** is the 20% darker color. If you saturate the color by 10%, you get **56.4924, 55.8281, 57.3206**, and if you desaturate by 10%, it is **72.8453, 79.7505, 89.8499**.

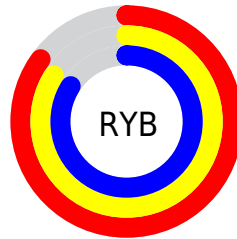
Distribution



Red (85%)

Green (84%)

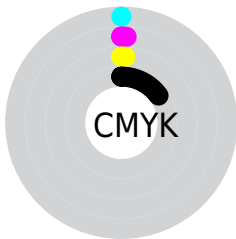
Blue (84%)



Red (85%)

Yellow (84%)

Blue (84%)

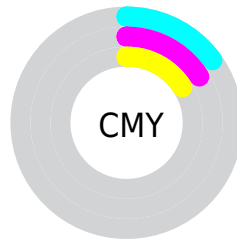


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1234, 66.9915, 72.5018 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 64.1234, 66.9915, 72.5018 by changing the saturation by 10% instead.

■ 64.1234, 66.9915,
72.5018

■ 64.1234, 66.9915,
72.5018

429.2303,
449.9145, 488.3107

■ 47.0127, 49.0777,
53.0793

109.8614,
114.9082, 124.4840

■ 33.2537, 34.6811,
37.4780

139.2193,
145.6800, 157.8809

■ 22.4810, 23.4174,
25.2791

173.3904,
181.5065, 196.7730

■ 14.3293, 14.9020,
16.0642

212.7400,
222.7722, 241.5789

■ 8.4333, 8.7506,
9.4147

257.6334,
269.8614, 292.7170

■ 4.4276, 4.5789,
4.9122

308.4361,

■ 1.9468, 2.0024,

323.1586, 350.6060

2.1380

365.5132,
383.0482, 415.6644

■ 0.6038, 0.6088,
0.6382

■ 0.0000, 0.0000,
0.0000

■ 64.1234, 66.9915,
72.5018

■ 64.1234, 66.9915,
72.5018

■ 56.4924, 55.8281,
57.3206

■ 72.8453, 79.7505,
89.8499

■ 49.9040, 46.1895,
44.2169

■ 82.1293, 93.3391,
108.2953

■ 44.3147, 38.0119,
33.1019

■ 39.6757, 31.2243,
23.8783

■ 35.9343, 25.7493,
16.4410

■ 33.0323, 21.5022,
10.6743

■ 30.9051, 18.3883,
6.4492

■ 29.4784, 16.2990,
3.6177

■ 28.6636, 15.1050,
2.0032

Harmonies

Analogous

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



64.1404, 66.9915, 73.2032



64.1234, 66.9915, 72.5018



63.9856, 66.9915, 71.9220

Triad

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



64.1234, 66.9915, 72.5018



63.3161, 66.9915, 72.0533



63.5825, 66.9915, 74.2847

Complementary

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



64.1234, 66.9915, 72.5018



64.3912, 68.2149, 74.7397

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.



63.3622, 66.9915, 73.9723



64.1234, 66.9915, 72.5018



63.2087, 66.9915, 72.6821

Square

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



64.1234, 66.9915, 72.5018



63.5194, 66.9915, 71.6642



63.2255, 66.9915, 73.3847



63.8277, 66.9915, 74.2356

Rectangle

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



64.1234, 66.9915, 72.5018



63.8441, 66.9915, 71.6810



63.2255, 66.9915, 73.3847



63.5031, 66.9915, 74.2184

Sweetspot

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



64.1253, 66.9944, 72.5033

95.0500, 100.0000, 108.9000



64.5088, 67.1464, 74.5273



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



64.1253, 66.9944, 72.5033



92.6361, 96.4687, 104.0982



64.5034, 67.7507, 72.6293



13.6706, 14.2462, 15.3826



16.7641, 8.6455, 0.7852



1.0116, 0.5223, 0.0475

Inverse Universe

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



64.3912, 68.2149, 74.7397



93.1966, 99.0417, 108.8127



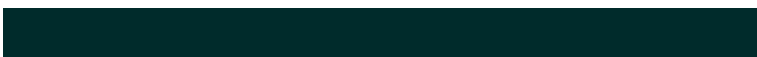
64.0096, 67.4517, 74.6125



13.7477, 14.6001, 16.0310



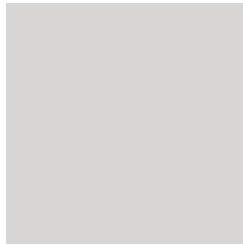
21.8327, 31.9272, 43.4650



1.3173, 1.9265, 2.6217

Previews

White Background



This preview shows how the XYZ color 64.1234, 66.9915, 72.5018 looks on a white background.

Color Contrast Check

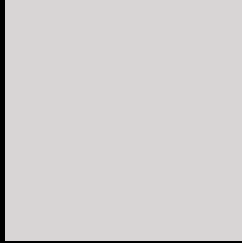
Large Text (above 18pt) WCAG AA × Fail

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 64.1234, 66.9915, 72.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

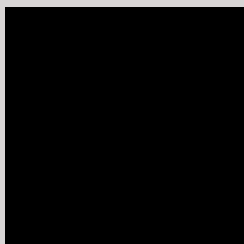
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

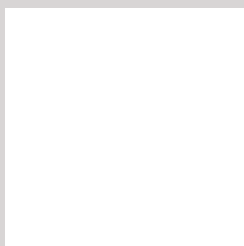
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1234, 66.9915, 72.5018

Background



This preview shows how black text looks on a background with the XYZ color 64.1234, 66.9915, 72.5018.

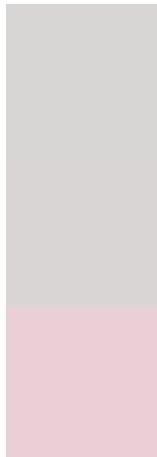


This preview shows how white text looks on a background with the XYZ color 64.1234, 66.9915,

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

64.1234, 66.9915, 72.5018

Protanopia

64.4198, 67.1443, 72.5157

Deuteranopia

68.3821, 66.9731, 72.9413



Tritanopia

66.0728, 67.0400, 82.1306

Trichromacy



Original Color

64.1234, 66.9915, 72.5018

Protanomaly

64.4198, 67.1443, 72.5157

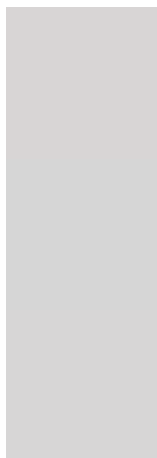
Deuteranomaly

66.6166, 66.7869, 72.9984

Tritanomaly

65.3436, 67.1126, 78.6173

Monochromacy



Original Color

64.1234, 66.9915, 72.5018

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2085, 67.3952, 73.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1234, 66.9915, 72.5018 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(216, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 213)  
}
```

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(216, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.1234, 66.9915, 72.5018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

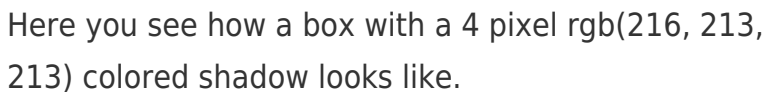
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 213, 213) }
```

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

```
.border{ border-color:rgb(216, 213, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 213, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 213, 213); box-shadow:4px 4px 4px 4px rgb(216, 213, 213) }
```


Background

The CSS property to change the background color of an element to XYZ 64.1234, 66.9915, 72.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 213) }
```

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

```
.background{ background-color: rgb(216,  
213, 213) }
```

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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