

Converting Colors

XYZ(64.9847, 69.0131, 73.6092)

Have a look what the booklet for
XYZ(64.9847, 69.0131, 73.6092)
contains.

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Color

**XYZ(64.9748, 68.9278,
73.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9D6
RGB	215, 217, 214
RGB Percent	84%, 85%, 84%
CMY	0.1569, 0.1490, 0.1608
CMYK	0.01, 0.00, 0.01, 0.15
HSL	100°, 4%, 85%
HSV	100°, 1%, 85%
XYZ	64.9748, 68.9278, 73.4982
YIQ	216.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

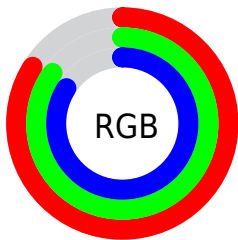
Format	Color
R _Y B	214, 217, 216
Decimal	14146006
CIE Lab	86.47, -1.21, 1.23
CIE LCh	86, 1.726, 134.717
Yxy	68.9278, 0.3133, 0.3323
Android (android.graphics.Color)	4292336086 (0xFFD7D9D6)
YUV	216.0600, -1.0156, -0.9296
Hunter-Lab	83.0228, -5.5932, 5.6278

Details

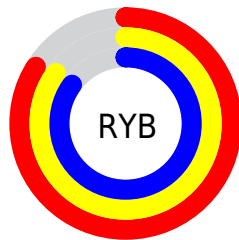
The XYZ color **64.9748, 68.9278, 73.4982** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8924, 67.7037, 75.2970**, and the grayscale version is **65.3196, 68.7213, 74.8375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6755, 35.8174, 37.9395** is the 20% darker color. If you saturate the color by 10%, you get **58.3220, 65.7993, 59.6709**, and if you desaturate by 10%, it is **72.3769, 72.4038, 89.2908**.

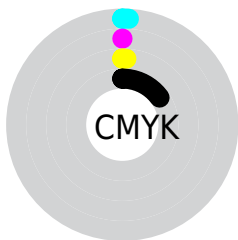
Distribution



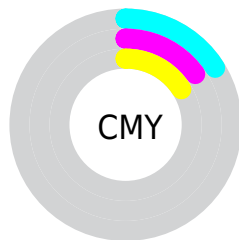
- Red (84%)
- Green (85%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9748, 68.9278, 73.4982 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 64.9748, 68.9278, 73.4982 by changing the saturation by 10% instead.

■ 64.9748, 68.9278,
73.4982

■ 64.9748, 68.9278,
73.4982

432.2481,
456.7763, 491.8567

■ 47.7053, 50.6529,
53.8891

111.0795,
117.6784, 125.9117

■ 33.8038, 35.9325,
38.1205

140.6455,
148.9230, 159.5532

■ 22.9051, 24.3820,
25.7736

175.0409,
185.2596, 198.7092

■ 14.6438, 15.6173,
16.4301

214.6312,
227.0725, 243.7984

■ 8.6544, 9.2537,
9.6714

259.7817,
274.7463, 295.2391

■ 4.5718, 4.9070,
5.0789

310.8578,

■ 2.0304, 2.1928,

328.6652, 353.4501

2.2341

368.2248,
389.2138, 418.8498

■ 0.6510, 0.7161,
0.6939

■ 0.0000, 0.0000,
0.0000

■ 64.9748, 68.9278,
73.4982

■ 64.9748, 68.9278,
73.4982

■ 58.3220, 65.7993,
59.6709

■ 72.3769, 72.4038,
89.2908

■ 52.3886, 62.9987,
47.7275

■ 80.1562, 76.0731,
105.0666

■ 47.1508, 60.5176,
37.5879

■ 84.1042, 78.1083,
105.2514

■ 42.5817, 58.3438,
29.1641

■ 38.6520, 56.4645,
22.3610

■ 35.3306, 54.8658,
17.0742

■ 32.5829, 53.5325,
13.1871

■ 30.3708, 52.4478,
10.5659

■ 28.6499, 51.5924,
9.0509

Harmonies

Analogous

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



65.3188, 68.9278, 72.9429



64.9748, 68.9278, 73.4982



64.7756, 68.9278, 74.4723

Triad

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



64.9748, 68.9278, 73.4982



65.3115, 68.9278, 77.1929



66.2596, 68.9278, 74.4931

Complementary

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



64.9748, 68.9278, 73.4982



64.8924, 67.7037, 75.2970

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.



66.2576, 68.9278, 75.6320



64.9748, 68.9278, 73.4982



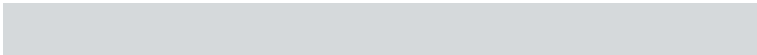
65.7092, 68.9278, 77.1986

Square

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



64.9748, 68.9278, 73.4982



64.9695, 68.9278, 76.6092



66.0558, 68.9278, 76.6248



66.0612, 68.9278, 73.5133

Rectangle

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



64.9748, 68.9278, 73.4982



64.7512, 68.9278, 75.2317



66.0558, 68.9278, 76.6248



66.2824, 68.9278, 74.8699

Sweetspot

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



64.9767, 68.9308, 73.4997

95.0500, 100.0000, 108.9000



65.3115, 68.7214, 73.4416



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.



64.9767, 68.9308, 73.4997



92.9990, 99.0363, 104.5746



64.7480, 68.8055, 73.8233



14.4233, 15.3476, 16.2385



16.7496, 30.9322, 5.0877



1.1747, 2.0501, 0.3338

Inverse Universe

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



64.8924, 67.7037, 75.2970



92.8226, 96.4685, 108.3357



65.1238, 67.8304, 74.9684



14.3977, 14.9753, 16.7838



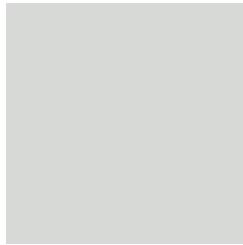
14.7405, 6.7232, 40.2592



1.0448, 0.4819, 2.6124

Previews

White Background



This preview shows how the XYZ color 64.9748, 68.9278, 73.4982 looks on a white background.

Color Contrast Check

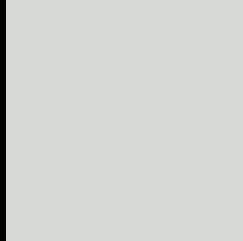
Large Text (above 18pt) WCAG AA × Fail

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 64.9748, 68.9278, 73.4982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

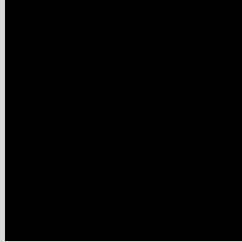
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

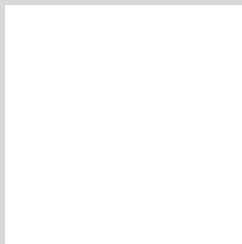
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9748, 68.9278, 73.4982

Background



This preview shows how black text looks on a background with the XYZ color 64.9748, 68.9278, 73.4982.

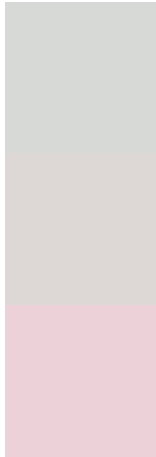


This preview shows how white text looks on a background with the XYZ color 64.9748, 68.9278,

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

64.9748, 68.9278, 73.4982

Protanopia

66.1295, 68.7771, 72.7407

Deuteranopia

70.1202, 68.5633, 74.5041



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

64.9748, 68.9278, 73.4982

Protanomaly

65.7795, 68.9759, 72.7975

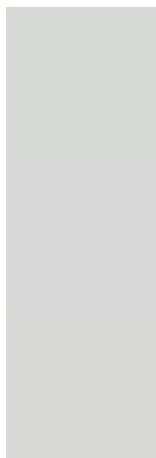
Deuteranomaly

68.1223, 68.6513, 73.9506

Tritanomaly

66.5063, 68.7888, 81.0065

Monochromacy



Original Color

64.9748, 68.9278, 73.4982

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1405, 68.6170, 74.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9748, 68.9278, 73.4982 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(215, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 214)  
}
```

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(215, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.9748, 68.9278, 73.4982 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(215, 217, 214) }
```

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

```
.border{ border-color:rgb(215, 217, 214) }
```

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

Here you see how a box with a 4 pixel rgb(215, 217, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
214) }
```


Background

The CSS property to change the background color of an element to XYZ 64.9748, 68.9278, 73.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 214) }
```

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

```
.background{ background-color: rgb(215,  
217, 214) }
```

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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