

Converting Colors

XYZ(64.2501, 67.4466, 71.9205)

Have a look what the booklet for
XYZ(64.2501, 67.4466, 71.9205)
contains.

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Color

**XYZ(64.2491, 67.4455,
71.9194)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D4
RGB	216, 214, 212
RGB Percent	85%, 84%, 83%
CMY	0.1529, 0.1608, 0.1686
CMYK	0.00, 0.01, 0.02, 0.15
HSL	30°, 5%, 84%
HSV	30°, 2%, 85%
XYZ	64.2491, 67.4455, 71.9194
YIQ	214.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

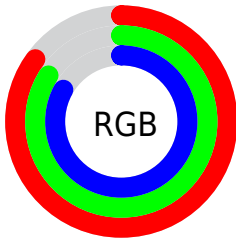
Format	Color
R _Y B	216, 216, 212
Decimal	14210772
CIE Lab	85.73, 0.33, 1.22
CIE LCh	86, 1.260, 74.888
Yxy	67.4455, 0.3155, 0.3312
Android (android.graphics.Color)	4292400852 (0xFFD8D6D4)
YUV	214.3700, -1.1684, 1.4295
Hunter-Lab	82.1252, -4.0730, 5.5657

Details

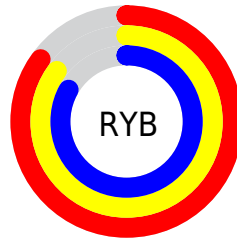
The XYZ color **64.2491, 67.4455, 71.9194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5926, 67.0472, 74.5563**, and the grayscale version is **64.1741, 67.5161, 73.5251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1819, 34.8077, 36.8680** is the 20% darker color. If you saturate the color by 10%, you get **59.0667, 61.1528, 57.6361**, and if you desaturate by 10%, it is **69.9805, 74.2510, 88.1857**.

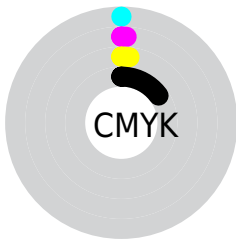
Distribution



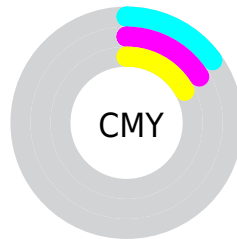
- Red (85%)
- Green (84%)
- Blue (83%)



- Red (85%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2491, 67.4455, 71.9194 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 64.2491, 67.4455, 71.9194 by changing the saturation by 10% instead.

■ 64.2491, 67.4455,
71.9194

■ 64.2491, 67.4455,
71.9194

429.6766,
451.5289, 486.2310

■ 47.1149, 49.4468,
52.6064

110.0413,
115.5585, 123.6486

■ 33.3348, 34.9740,
37.1031

139.4301,
146.4416, 156.9019

■ 22.5435, 23.6429,
24.9909

173.6344,
182.3883, 195.6390

■ 14.3757, 15.0689,
15.8513

213.0196,
223.7829, 240.2785

■ 8.4658, 8.8678,
9.2658

257.9510,
271.0099, 291.2389

■ 4.4487, 4.6550,
4.8158

308.7941,

■ 1.9590, 2.0463,

324.4536, 348.9387

2.0827

365.9142,
384.4985, 413.7966

■ 0.6108, 0.6342,
0.6055

■ 0.0000, 0.0000,
0.0000

■ 64.2491, 67.4455,
71.9194

■ 64.2491, 67.4455,
71.9194

■ 59.0667, 61.1528,
57.6361

■ 69.9805, 74.2510,
88.1857

■ 54.4097, 55.3515,
45.2546

■ 76.2395, 81.5596,
106.3321

■ 50.2611, 50.0312,
34.6946

■ 79.4299, 87.9404,
107.3955

■ 46.6009, 45.1780,
25.8681

■ 82.1293, 93.3391,
108.2953

■ 43.4073, 40.7771,
18.6799

■ 40.6568, 36.8128,
13.0256

■ 38.3234, 33.2682,
8.7883

■ 36.3776, 30.1246,
5.8343

■ 34.7850, 27.3611,
4.0031

Harmonies

Analogous

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



64.4972, 67.4455, 72.3255



64.2491, 67.4455, 71.9194



63.9631, 67.4455, 71.9178

Triad

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



64.2491, 67.4455, 71.9194



63.5724, 67.4455, 73.8440



64.4957, 67.4455, 74.5636

Complementary

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



64.2491, 67.4455, 71.9194



63.5926, 67.0472, 74.5563

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.



64.2470, 67.4455, 74.9768



64.2491, 67.4455, 71.9194



63.7142, 67.4455, 74.5592

Square

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



64.2491, 67.4455, 71.9194



63.5729, 67.4455, 73.0249



63.9610, 67.4455, 74.9752



64.6399, 67.4455, 73.8501

Rectangle

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



64.2491, 67.4455, 71.9194



63.7894, 67.4455, 72.1462



63.9610, 67.4455, 74.9752



64.4215, 67.4455, 74.7425

Sweetspot

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



64.2510, 67.4484, 71.9209



94.2375, 99.0276, 106.6172



64.0009, 66.5420, 73.0899



20.1793, 21.2062, 22.8445



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.



64.2510, 67.4484, 71.9209



93.4330, 98.0627, 104.3638



64.7593, 68.4650, 72.0903



13.7803, 14.4655, 15.4191



20.0567, 15.2307, 1.8827



1.2925, 1.0842, 0.1411

Inverse Universe

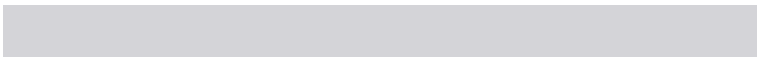
The Inverse Universe completely reimagines the original color for something new.



63.5926, 67.0472, 74.5563



92.3889, 97.4263, 108.5435



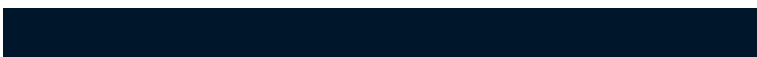
63.0905, 66.0430, 74.3889



13.6367, 14.3780, 15.9940



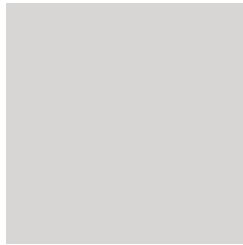
10.6057, 9.4733, 39.7227



0.7225, 0.7369, 2.4235

Previews

White Background



This preview shows how the XYZ color 64.2491, 67.4455, 71.9194 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 64.2491, 67.4455, 71.9194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

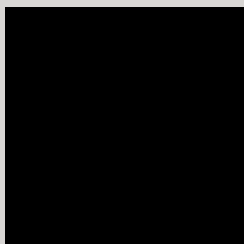
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

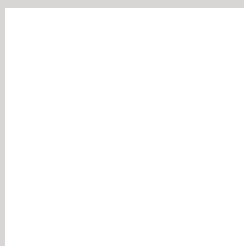
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2491, 67.4455, 71.9194

Background



This preview shows how black text looks on a background with the XYZ color 64.2491, 67.4455, 71.9194.

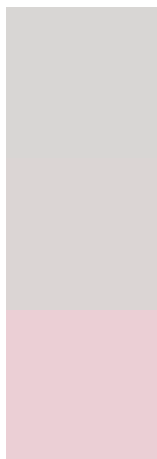


This preview shows how white text looks on a background with the XYZ color 64.2491, 67.4455,

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

64.2491, 67.4455, 71.9194

Protanopia

64.8913, 67.4020, 71.8771

Deuteranopia

68.5840, 67.0919, 72.2861



Tritanopia

66.4605, 67.5938, 82.9429

Trichromacy



Original Color

64.2491, 67.4455, 71.9194

Protanomaly

64.5914, 67.2474, 71.8631

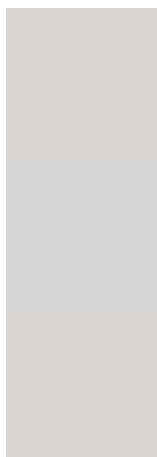
Deuteranomaly

67.0517, 67.3913, 72.4246

Tritanomaly

65.5943, 67.6141, 78.7009

Monochromacy



Original Color

64.2491, 67.4455, 71.9194

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0811, 67.3443, 72.5721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2491, 67.4455, 71.9194 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, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 212)  
}
```

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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.2491, 67.4455, 71.9194 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, 214, 212) }
```


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

```
.border{ border-color:rgb(216, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2491, 67.4455, 71.9194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 212) }
```

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

```
.background{ background-color: rgb(216,  
214, 212) }
```

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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