

Converting Colors

XYZ(63.4092, 65.4074, 71.5474)

Have a look what the booklet for
XYZ(63.4092, 65.4074, 71.5474)
contains.

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Color

**XYZ(63.5455, 65.5984,
71.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D2D4
RGB	217, 210, 212
RGB Percent	85%, 82%, 83%
CMY	0.1490, 0.1764, 0.1686
CMYK	0.00, 0.03, 0.02, 0.15
HSL	343°, 8%, 84%
HSV	343°, 3%, 85%
XYZ	63.5455, 65.5984, 71.5999
YIQ	212.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

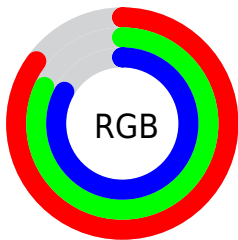
Format	Color
R _Y B	217, 210, 212
Decimal	14275284
CIE Lab	84.79, 2.76, -0.14
CIE LCh	85, 2.764, 357.070
Yxy	65.5984, 0.3166, 0.3268
Android (android.graphics.Color)	4292465364 (0xFFD9D2D4)
YUV	212.3210, -0.1583, 4.1035
Hunter-Lab	80.9928, -1.6896, 4.2810

Details

The XYZ color **63.5455, 65.5984, 71.5999** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6594, 68.2353, 74.1088**, and the grayscale version is **62.7938, 66.0640, 71.9436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8746, 33.8926, 36.7075** is the 20% darker color. If you saturate the color by 10%, you get **56.6841, 54.8569, 60.1202**, and if you desaturate by 10%, it is **71.3250, 77.8736, 84.3144**.

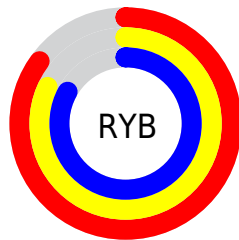
Distribution



Red (85%)

Green (82%)

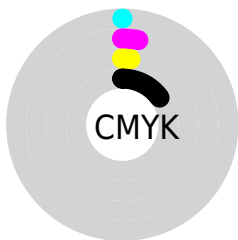
Blue (83%)



Red (85%)

Yellow (82%)

Blue (83%)

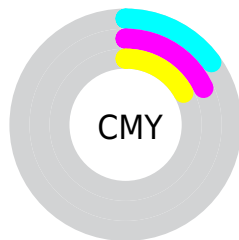


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5455, 65.5984, 71.5999 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 63.5455, 65.5984, 71.5999 by changing the saturation by 10% instead.

■ 63.5455, 65.5984,
71.5999

■ 63.5455, 65.5984,
71.5999

427.1748,
444.9392, 485.0879

■ 46.5430, 47.9465,
52.3471

109.0335,
112.9097, 123.1899

■ 32.8809, 33.7845,
36.8976

138.2497,
143.3379, 156.3642

■ 22.1940, 22.7281,
24.8331

172.2678,
178.7937, 195.0161

■ 14.1169, 14.3929,
15.7349

211.4532,
219.6613, 239.5641

■ 8.2843, 8.3944,
9.1844

256.1713,
266.3253, 290.4267

■ 4.3307, 4.3483,
4.7632

306.7873,

■ 1.8909, 1.8703,

319.1700, 348.0225

2.0527

363.6667,
378.5799, 412.7700

■ 0.5715, 0.5304,
0.5874

■ 0.0000, 0.0000,
0.0000

■ 63.5455, 65.5984,
71.5999

■ 63.5455, 65.5984,
71.5999

■ 56.6841, 54.8569,
60.1202

■ 71.3250, 77.8736,
84.3144

■ 50.7010, 45.5804,
49.8336

■ 80.0494, 91.7309,
98.2951

■ 45.5615, 37.7077,
40.7021

■ 82.4256, 93.4919,
108.3092

■ 41.2265, 31.1697,
32.6842

■ 37.6537, 25.8917,
25.7358

■ 34.7968, 21.7914,
19.8097

■ 32.6044, 18.7767,
14.8548

■ 31.0175, 16.7418,
10.8151

■ 29.9660, 15.5587,
7.6279

Harmonies

Analogous

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



63.3536, 65.5984, 73.2945



63.5455, 65.5984, 71.5999



63.4151, 65.5984, 69.8856

Triad

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



63.5455, 65.5984, 71.5999



61.8093, 65.5984, 68.4331



61.7045, 65.5984, 74.3248

Complementary

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



63.5455, 65.5984, 71.5999



63.6594, 68.2353, 74.1088

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.



61.2955, 65.5984, 72.9879



63.5455, 65.5984, 71.5999



61.3557, 65.5984, 69.5885

Square

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



63.5455, 65.5984, 71.5999



62.4102, 65.5984, 68.0752



61.1682, 65.5984, 71.2514



62.2885, 65.5984, 74.8840

Rectangle

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



63.5455, 65.5984, 71.5999



63.1635, 65.5984, 68.9588



61.1682, 65.5984, 71.2514



61.5422, 65.5984, 73.9504

Sweetspot

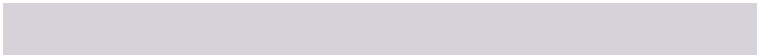
The Sweet Spot groups the original color and five complimentary colors.



63.5474, 65.6012, 71.6013



93.9498, 98.2670, 107.0927



63.5681, 65.5379, 74.9461



20.1207, 21.0514, 22.9413



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.



63.5474, 65.6012, 71.6013



90.7303, 93.2032, 101.7796



63.6440, 66.1951, 70.3988



13.9417, 14.2620, 15.5807



17.8867, 9.1557, 3.7833



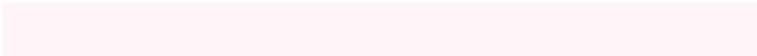
1.1955, 0.6078, 0.4384

Inverse Universe

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



63.5474, 65.6012, 71.6013



90.7303, 93.2032, 101.7796



63.5584, 67.6202, 75.3485



13.9417, 14.2620, 15.5807



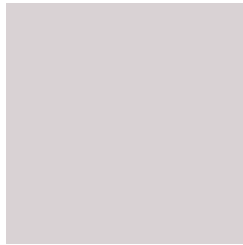
17.8867, 9.1557, 3.7833



1.1955, 0.6078, 0.4384

Previews

White Background



This preview shows how the XYZ color 63.5455, 65.5984, 71.5999 looks on a white background.

Color Contrast Check

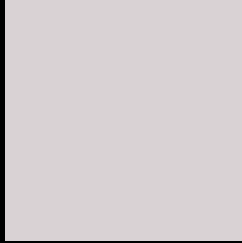
Large Text (above 18pt) WCAG AA × Fail

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 63.5455, 65.5984, 71.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

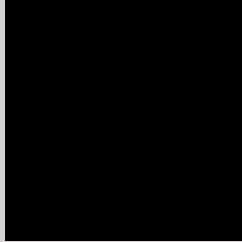
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

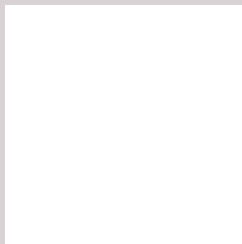
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5455, 65.5984, 71.5999

Background



This preview shows how black text looks on a background with the XYZ color 63.5455, 65.5984, 71.5999.

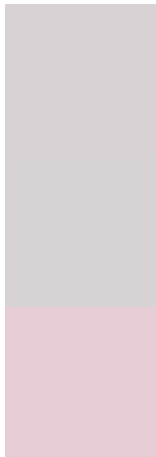


This preview shows how white text looks on a background with the XYZ color 63.5455, 65.5984,

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

63.5455, 65.5984, 71.5999

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

66.7966, 65.4557, 72.0644



Tritanopia

65.2238, 65.5536, 79.7365

Trichromacy



Original Color

63.5455, 65.5984, 71.5999

Protanomaly

63.4968, 65.9409, 71.6686

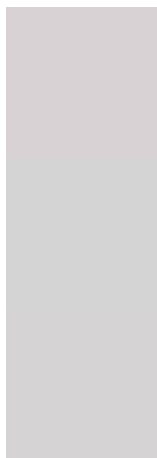
Deuteranomaly

65.6871, 65.5985, 72.1505

Tritanomaly

64.6322, 65.6737, 76.9799

Monochromacy



Original Color

63.5455, 65.5984, 71.5999

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9095, 65.6381, 71.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5455, 65.5984, 71.5999 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, 210, 212) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 63.5455, 65.5984, 71.5999 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, 210, 212) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 63.5455, 65.5984, 71.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(217,  
210, 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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