

Converting Colors

XYZ(63.3468, 66.2579, 71.7166)

Have a look what the booklet for
XYZ(63.3468, 66.2579, 71.7166)
contains.

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Color

**XYZ(63.4515, 66.2875,
71.7379)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D4D4
RGB	215, 212, 212
RGB Percent	84%, 83%, 83%
CMY	0.1569, 0.1686, 0.1686
CMYK	0.00, 0.01, 0.01, 0.16
HSL	0°, 4%, 84%
HSV	0°, 1%, 84%
XYZ	63.4515, 66.2875, 71.7379
YIQ	212.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

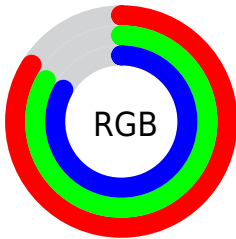
Format	Color
R_{YB}	215, 212, 212
Decimal	14144724
CIE Lab	85.14, 1.03, 0.35
CIE LCh	85, 1.088, 18.953
Yxy	66.2875, 0.3149, 0.3290
Android (android.graphics.Color)	4292334804 (0xFFD7D4D4)
YUV	212.8970, -0.4422, 1.8443
Hunter-Lab	81.4171, -3.3681, 4.7507

Details

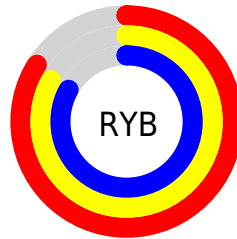
The XYZ color **63.4515, 66.2875, 71.7379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7176, 67.5034, 73.9621**, and the grayscale version is **63.1806, 66.4710, 72.3869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6400, 34.0218, 36.7448** is the 20% darker color. If you saturate the color by 10%, you get **55.9025, 55.2441, 56.7198**, and if you desaturate by 10%, it is **72.0794, 78.9090, 88.8990**.

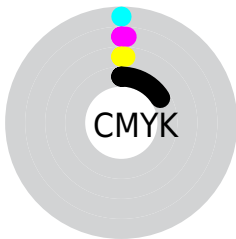
Distribution



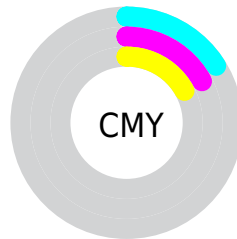
- Red (84%)
- Green (83%)
- Blue (83%)



- Red (84%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4515, 66.2875, 71.7379 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 63.4515, 66.2875, 71.7379 by changing the saturation by 10% instead.

■ 63.4515, 66.2875,
71.7379

■ 63.4515, 66.2875,
71.7379

426.8399,
447.4044, 485.5818

■ 46.4666, 48.5058,
52.4591

108.8988,
113.8989, 123.3881

■ 32.8203, 34.2276,
36.9864

138.0919,
144.4974, 156.5965

■ 22.1474, 23.0685,
24.9012

172.0850,
180.1369, 195.2852

■ 14.0825, 14.6441,
15.7851

211.2437,
221.2019, 239.8727

■ 8.2601, 8.5700,
9.2195

255.9331,
268.0768, 290.7776

■ 4.3151, 4.4618,
4.7859

306.5187,

■ 1.8819, 1.9351,

321.1459, 348.4184

2.0657

363.3659,
380.7936, 413.2136

■ 0.5663, 0.5693,
0.5952

■ 0.0000, 0.0000,
0.0000

■ 63.4515, 66.2875,
71.7379

■ 63.4515, 66.2875,
71.7379

■ 55.9025, 55.2441,
56.7198

■ 72.0794, 78.9090,
88.8990

■ 49.3847, 45.7087,
43.7565

■ 81.8201, 93.1581,
108.2767

■ 43.8550, 37.6184,
32.7600

■ 81.8348, 93.1873,
108.2815

■ 39.2653, 30.9028,
23.6343

■ 35.5632, 25.4854,
16.2753

■ 32.6915, 21.2825,
10.5687

■ 30.5861, 18.2005,
6.3869

■ 29.1736, 16.1322,
3.5837

■ 28.3665, 14.9494,
1.9844

Harmonies

Analogous

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



63.4684, 66.2875, 72.4350



63.4515, 66.2875, 71.7379



63.3146, 66.2875, 71.1617

Triad

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



63.4515, 66.2875, 71.7379



62.6492, 66.2875, 71.2923



62.9139, 66.2875, 73.5100

Complementary

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



63.4515, 66.2875, 71.7379



63.7176, 67.5034, 73.9621

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.



62.6950, 66.2875, 73.1995



63.4515, 66.2875, 71.7379



62.5424, 66.2875, 71.9173

Square

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



63.4515, 66.2875, 71.7379



62.8512, 66.2875, 70.9056



62.5592, 66.2875, 72.6155



63.1576, 66.2875, 73.4612

Rectangle

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



63.4515, 66.2875, 71.7379



63.1738, 66.2875, 70.9222



62.5592, 66.2875, 72.6155



62.8350, 66.2875, 73.4441

Sweetspot

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



63.4534, 66.2904, 71.7393

95.0500, 100.0000, 108.9000



63.8345, 66.4414, 73.7510



20.3446, 21.4041, 23.3091



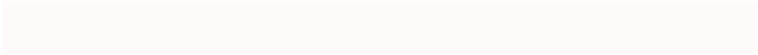
0.0000, 0.0000, 0.0000

Same Dimension

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



63.4534, 66.2904, 71.7393



92.6361, 96.4687, 104.0982



63.8292, 67.0420, 71.8646



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.



63.7176, 67.5034, 73.9621



93.1966, 99.0416, 108.8127



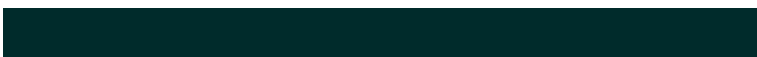
63.3383, 66.7448, 73.8357



13.7477, 14.6001, 16.0310



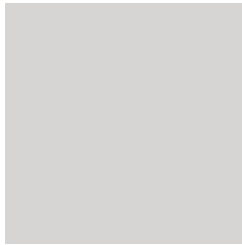
21.8326, 31.9270, 43.4650



1.3173, 1.9265, 2.6217

Previews

White Background



This preview shows how the XYZ color 63.4515, 66.2875, 71.7379 looks on a white background.

Color Contrast Check

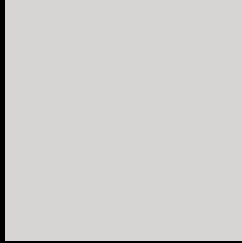
Large Text (above 18pt) WCAG AA × Fail

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 63.4515, 66.2875, 71.7379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

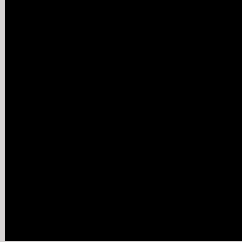
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

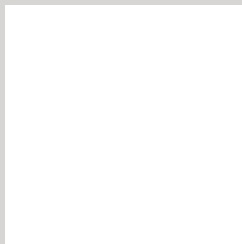
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4515, 66.2875, 71.7379

Background



This preview shows how black text looks on a background with the XYZ color 63.4515, 66.2875, 71.7379.

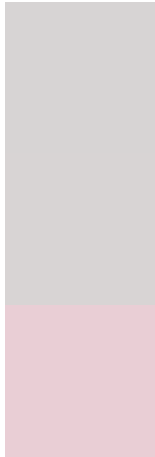


This preview shows how white text looks on a background with the XYZ color 63.4515, 66.2875,

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

63.4515, 66.2875, 71.7379

Protanopia

63.7461, 66.4394, 71.7517

Deuteranopia

67.6858, 66.2703, 72.1748



Tritanopia

65.3893, 66.3359, 81.3092

Trichromacy



Original Color

63.4515, 66.2875, 71.7379

Protanomaly

63.7461, 66.4394, 71.7517

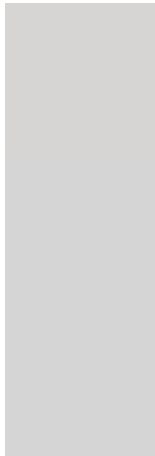
Deuteranomaly

65.9301, 66.0846, 72.2315

Tritanomaly

64.6643, 66.4079, 77.8164

Monochromacy



Original Color

63.4515, 66.2875, 71.7379

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5360, 66.6887, 72.4743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4515, 66.2875, 71.7379 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, 212, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 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(215, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.4515, 66.2875, 71.7379 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, 212, 212) }
```

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

```
.border{ border-color:rgb(215, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 63.4515, 66.2875, 71.7379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 212) }
```

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

```
.background{ background-color: rgb(215,  
212, 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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