

Converting Colors

XYZ(63.4095, 66.6381, 71.8078)

Have a look what the booklet for
XYZ(63.4095, 66.6381, 71.8078)
contains.

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Color

**XYZ(63.4095, 66.6381,
71.8078)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5D4
RGB	214, 213, 212
RGB Percent	84%, 84%, 83%
CMY	0.1608, 0.1647, 0.1686
CMYK	0.00, 0.00, 0.01, 0.16
HSL	30°, 2%, 84%
HSV	30°, 1%, 84%
XYZ	63.4095, 66.6381, 71.8078
YIQ	213.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

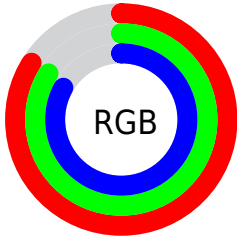
Format	Color
R_YB	214, 214, 212
Decimal	14079444
CIE Lab	85.32, 0.17, 0.60
CIE LCh	85, 0.626, 74.682
Yxy	66.6381, 0.3141, 0.3301
Android (android.graphics.Color)	4292269524 (0xFFD6D5D4)
YUV	213.1850, -0.5842, 0.7148
Hunter-Lab	81.6322, -4.2027, 4.9880

Details

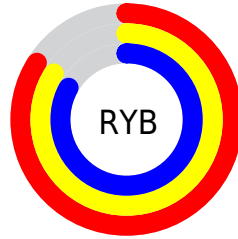
The XYZ color **63.4095, 66.6381, 71.8078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0834, 66.4399, 73.1187**, and the grayscale version is **63.3746, 66.6750, 72.6091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6107, 34.2590, 36.7922** is the 20% darker color. If you saturate the color by 10%, you get **58.2933, 60.4427, 57.6548**, and if you desaturate by 10%, it is **69.0637, 73.3351, 87.9071**.

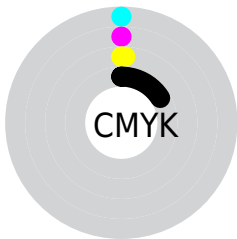
Distribution



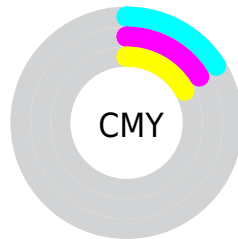
- Red (84%)
- Green (84%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4095, 66.6381, 71.8078 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 63.4095, 66.6381, 71.8078 by changing the saturation by 10% instead.

■ 63.4095, 66.6381,
71.8078

■ 63.4095, 66.6381,
71.8078

426.6902,
448.6555, 485.8319

■ 46.4325, 48.7906,
52.5158

108.8386,
114.4017, 123.4884

■ 32.7933, 34.4534,
37.0313

138.0213,
145.0866, 156.7141

■ 22.1266, 23.2421,
24.9358

172.0034,
180.8193, 195.4215

■ 14.0671, 14.7724,
15.8106

211.1500,
221.9844, 240.0290

■ 8.2494, 8.6598,
9.2373

255.8267,
268.9661, 290.9553

■ 4.3081, 4.5200,
4.7974

306.3987,

■ 1.8778, 1.9685,

322.1490, 348.6188

2.0722

363.2314,
381.9173, 413.4382

■ 0.5639, 0.5891,
0.5992

■ 0.0000, 0.0000,
0.0000

■ 63.4095, 66.6381,
71.8078

■ 63.4095, 66.6381,
71.8078

■ 58.2933, 60.4427,
57.6548

■ 69.0637, 73.3351,
87.9071

■ 53.6920, 54.7278,
45.3689

■ 75.2667, 80.5369,
106.0188

■ 49.5893, 49.4837,
34.8722

■ 78.4317, 86.8159,
107.2311

■ 45.9656, 44.6966,
26.0792

■ 81.5420, 93.0364,
108.2678

■ 42.7998, 40.3523,
18.8978

■ 40.0693, 36.4355,
13.2266

■ 37.7488, 32.9299,
8.9529

■ 35.8100, 29.8176,
5.9476

■ 34.2197, 27.0782,
4.0572

Harmonies

Analogous

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



63.5314, 66.6381, 72.0104



63.4095, 66.6381, 71.8078



63.2685, 66.6381, 71.8056

Triad

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



63.4095, 66.6381, 71.8078



63.0744, 66.6381, 72.7554



63.5292, 66.6381, 73.1136

Complementary

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



63.4095, 66.6381, 71.8078



63.0834, 66.4399, 73.1187

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.



63.4066, 66.6381, 73.3148



63.4095, 66.6381, 71.8078



63.1440, 66.6381, 73.1075

Square

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



63.4095, 66.6381, 71.8078



63.0752, 66.6381, 72.3517



63.2656, 66.6381, 73.3125



63.6006, 66.6381, 72.7638

Rectangle

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



63.4095, 66.6381, 71.8078



63.1827, 66.6381, 71.9180



63.2656, 66.6381, 73.3125



63.4926, 66.6381, 73.2009

Sweetspot

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



63.4114, 66.6410, 71.8093

95.0500, 100.0000, 108.9000



63.2863, 66.1883, 72.3919



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.



63.4114, 66.6410, 71.8093



94.2381, 99.0289, 106.6174



63.6628, 67.1438, 71.8931



13.8911, 14.5984, 15.7292



20.0681, 15.2534, 1.8865



1.2932, 1.0856, 0.1414

Inverse Universe

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



63.0834, 66.4399, 73.1187



93.7112, 98.7059, 108.7208



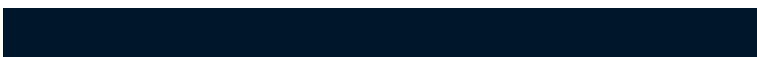
62.8335, 65.9402, 73.0354



13.8186, 14.5540, 16.0184



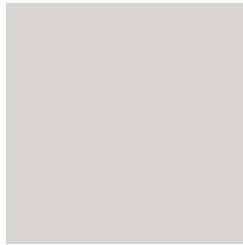
10.5945, 9.4507, 39.7189



0.7218, 0.7356, 2.4232

Previews

White Background



This preview shows how the XYZ color 63.4095, 66.6381, 71.8078 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 63.4095, 66.6381, 71.8078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

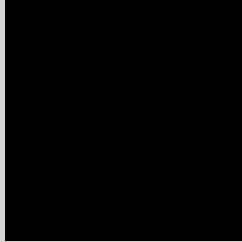
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

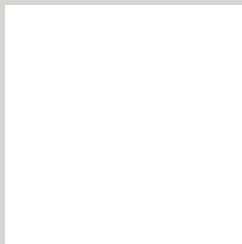
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4095, 66.6381, 71.8078

Background



This preview shows how black text looks on a background with the XYZ color 63.4095, 66.6381, 71.8078.

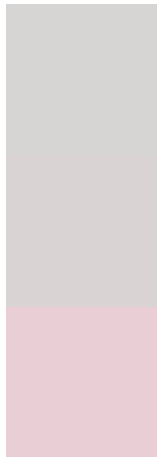


This preview shows how white text looks on a background with the XYZ color 63.4095, 66.6381,

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

63.4095, 66.6381, 71.8078

Protanopia

63.9166, 66.5418, 71.1031

Deuteranopia

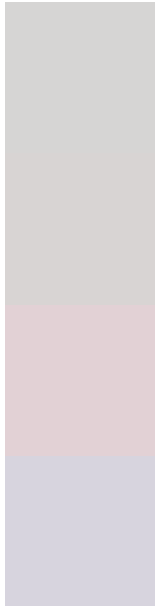
67.6858, 66.2703, 72.1748



Tritanopia

65.4783, 66.7335, 82.1028

Trichromacy



Original Color

63.4095, 66.6381, 71.8078

Protanomaly

63.6203, 66.3890, 71.0892

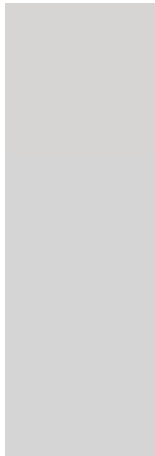
Deuteranomaly

66.1747, 66.5738, 72.3130

Tritanomaly

64.7526, 66.8080, 78.5896

Monochromacy



Original Color

63.4095, 66.6381, 71.8078

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2451, 66.5387, 72.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4095, 66.6381, 71.8078 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(214, 213, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 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(214, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.4095, 66.6381, 71.8078 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(214, 213, 212) }
```

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

```
.border{ border-color:rgb(214, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 63.4095, 66.6381, 71.8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 212) }
```

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

```
.background{ background-color: rgb(214,  
213, 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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