

Converting Colors

XYZ(60.6823, 64.8106, 71.5997)

Have a look what the booklet for
XYZ(60.6823, 64.8106, 71.5997)
contains.

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Color

**XYZ(60.6040, 64.8196,
71.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD4D4
RGB	205, 212, 212
RGB Percent	80%, 83%, 83%
CMY	0.1961, 0.1686, 0.1686
CMYK	0.03, 0.00, 0.00, 0.17
HSL	180°, 8%, 82%
HSV	180°, 3%, 83%
XYZ	60.6040, 64.8196, 71.6046
YIQ	209.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

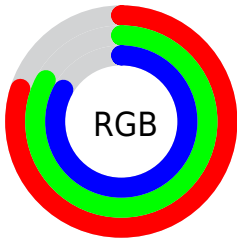
Format	Color
R _Y B	205, 209, 212
Decimal	13489364
CIE Lab	84.39, -2.37, -0.84
CIE LCh	84, 2.509, 199.451
Yxy	64.8196, 0.3076, 0.3290
Android (android.graphics.Color)	4291679444 (0xFFCDD4D4)
YUV	209.9070, 1.0318, -4.3034
Hunter-Lab	80.5106, -6.5285, 3.6260

Details

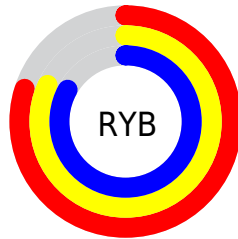
The XYZ color **60.6040, 64.8196, 71.6046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0046, 62.0692, 66.5788**, and the grayscale version is **61.1945, 64.3814, 70.1114**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9053, 33.1276, 36.6637** is the 20% darker color. If you saturate the color by 10%, you get **55.1468, 62.0083, 71.3435**, and if you desaturate by 10%, it is **66.8574, 68.0450, 71.9056**.

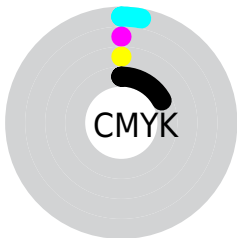
Distribution



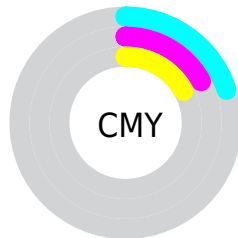
- Red (80%)
- Green (83%)
- Blue (83%)



- Red (80%)
- Yellow (82%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6040, 64.8196, 71.6046 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 60.6040, 64.8196, 71.6046 by changing the saturation by 10% instead.

■ 60.6040, 64.8196,
71.6046

■ 60.6040, 64.8196,
71.6046

416.6197,
442.1434, 485.1047

■ 44.1570, 47.3148,
52.3509

104.8067,
111.7905, 123.1967

■ 30.9924, 33.2846,
36.9007

133.2931,
142.0253, 156.3722

■ 20.7448, 22.3446,
24.8354

166.5234,
177.2723, 195.0253

■ 13.0490, 14.1103,
15.7366

204.8628,
217.9159, 239.5746

■ 7.5395, 8.1974,
9.1856

248.6768,
264.3404, 290.4386

■ 3.8511, 4.2215,
4.7640

298.3307,

■ 1.6182, 1.7982,

316.9302, 348.0360

2.0531

354.1899,
376.0697, 412.7852

■ 0.4042, 0.4861,
0.5877

■ 0.0000, 0.0000,
0.0000

■ 60.6040, 64.8196,
71.6046

■ 60.6040, 64.8196,
71.6046

■ 55.1468, 62.0083,
71.3435

■ 66.8574, 68.0450,
71.9056

■ 50.4485, 59.5864,
71.1166

■ 73.9312, 71.6915,
72.2438

■ 46.4772, 57.5392,
70.9236

■ 76.6726, 73.1046,
72.3791

■ 43.1966, 55.8482,
70.7631

■ 76.6740, 73.1052,
72.3862

■ 40.5673, 54.4929,
70.6330

■ 76.6753, 73.1057,
72.3933

■ 38.5459, 53.4510,
70.5313

■ 76.6767, 73.1063,
72.4005

■ 37.0836, 52.6973,
70.4558

■ 76.6781, 73.1068,
72.4076

■ 36.1245, 52.2030,
70.4039

■ 76.6794, 73.1073,
72.4147

■ 35.6006, 51.9331,
70.3723

■ 76.6808, 73.1079,
72.4218

Harmonies

Analogous

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



60.5614, 64.8196, 70.0171



60.6040, 64.8196, 71.6046



60.9150, 64.8196, 72.9356

Triad

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



60.6040, 64.8196, 71.6046



62.4271, 64.8196, 72.5918



61.8055, 64.8196, 67.6027

Complementary

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



60.6040, 64.8196, 71.6046



60.0046, 62.0692, 66.5788

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.



62.3085, 64.8196, 68.2708



60.6040, 64.8196, 71.6046



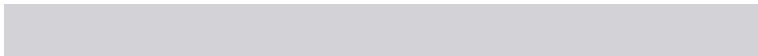
62.6688, 64.8196, 71.1410

Square

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



60.6040, 64.8196, 71.6046



61.9667, 64.8196, 73.5116



62.6252, 64.8196, 69.5603



61.2529, 64.8196, 67.7226

Rectangle

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



60.6040, 64.8196, 71.6046



61.2336, 64.8196, 73.4909



62.6252, 64.8196, 69.5603



61.9861, 64.8196, 67.7422

Sweetspot

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



60.6058, 64.8224, 71.6060



94.1178, 99.5195, 108.8553



59.7738, 64.4933, 67.0566



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



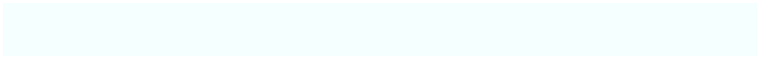
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6058, 64.8224, 71.6060



91.3956, 98.1162, 108.7246



59.7689, 63.1477, 71.3292



13.3777, 14.4097, 16.0130



21.8628, 32.0005, 43.4345



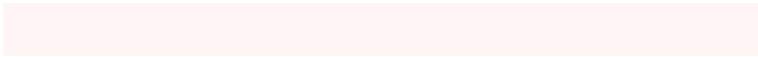
1.3187, 1.9302, 2.6202

Inverse Universe

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



60.0046, 62.0692, 66.5788



90.2836, 93.0245, 99.4274



60.8227, 63.7061, 66.8494



13.1876, 13.5390, 14.4231



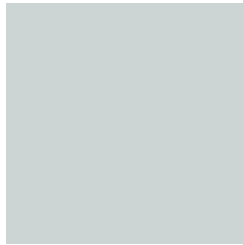
16.7624, 8.6413, 0.7869



1.0111, 0.5212, 0.0479

Previews

White Background



This preview shows how the XYZ color 60.6040, 64.8196, 71.6046 looks on a white background.

Color Contrast Check

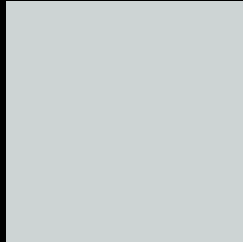
Large Text (above 18pt) WCAG AA × Fail

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 60.6040, 64.8196, 71.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

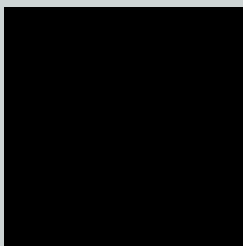
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

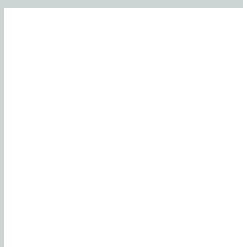
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6040, 64.8196, 71.6046

Background



This preview shows how black text looks on a background with the XYZ color 60.6040, 64.8196, 71.6046.



This preview shows how white text looks on a background with the XYZ color 60.6040, 64.8196,

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

60.6040, 64.8196, 71.6046

Protanopia

62.1649, 64.5502, 70.1558

Deuteranopia

66.0436, 64.6988, 72.6256



Tritanopia

62.5062, 64.8496, 81.1743

Trichromacy



Original Color

60.6040, 64.8196, 71.6046

Protanomaly

61.6684, 64.6452, 70.8555

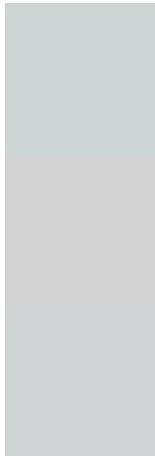
Deuteranomaly

63.8383, 64.6454, 72.0640

Tritanomaly

61.7990, 64.9308, 77.6824

Monochromacy



Original Color

60.6040, 64.8196, 71.6046

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0646, 64.7016, 70.8982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6040, 64.8196, 71.6046 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(205, 212, 212) looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 212, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.6040, 64.8196, 71.6046 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(205, 212, 212) }
```


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

```
.border{ border-color:rgb(205, 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(205, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 212,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6040, 64.8196, 71.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 212, 212) }
```

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

```
.background{ background-color: rgb(205,  
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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