

Converting Colors

XYZ(61.6776, 67.0141, 71.8734)

Have a look what the booklet for
XYZ(61.6776, 67.0141, 71.8734)
contains.

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Color

**XYZ(61.6164, 66.8443,
71.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD8D4
RGB	205, 216, 212
RGB Percent	80%, 85%, 83%
CMY	0.1961, 0.1529, 0.1686
CMYK	0.05, 0.00, 0.02, 0.15
HSL	158°, 12%, 83%
HSV	158°, 5%, 85%
XYZ	61.6164, 66.8443, 71.9421
YIQ	212.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

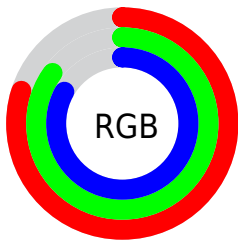
Format	Color
R _Y B	205, 212, 216
Decimal	13490388
CIE Lab	85.43, -4.44, 0.68
CIE LCh	85, 4.493, 171.356
Yxy	66.8443, 0.3075, 0.3335
Android (android.graphics.Color)	4291680468 (0xFFCDD8D4)
YUV	212.2550, -0.1257, -6.3626
Hunter-Lab	81.7584, -8.5523, 5.0595

Details

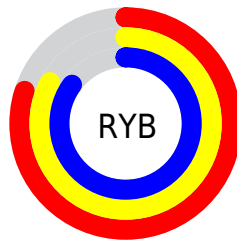
The XYZ color **61.6164, 66.8443, 71.9421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6613, 62.8668, 69.2095**, and the grayscale version is **62.7538, 66.0219, 71.8978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5932, 34.5034, 36.8930** is the 20% darker color. If you saturate the color by 10%, you get **55.0973, 63.5973, 66.5881**, and if you desaturate by 10%, it is **69.0101, 70.5404, 77.5917**.

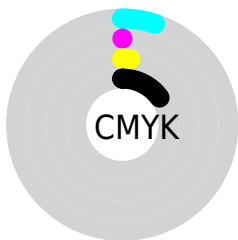
Distribution



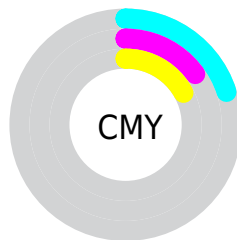
- Red (80%)
- Green (85%)
- Blue (83%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6164, 66.8443, 71.9421 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 61.6164, 66.8443, 71.9421 by changing the saturation by 10% instead.

■ 61.6164, 66.8443,
71.9421

■ 61.6164, 66.8443,
71.9421

420.2704,
449.3904, 486.3122

■ 44.9772, 48.9581,
52.6248

106.2640,
114.6973, 123.6812

■ 31.6407, 34.5862,
37.1177

135.0031,
145.4329, 156.9400

■ 21.2414, 23.3443,
25.0021

168.5063,
181.2203, 195.6832

■ 13.4141, 14.8480,
15.8596

207.1389,
222.4441, 240.3292

■ 7.7932, 8.7128,
9.2716

251.2663,
269.4887, 291.2965

■ 4.0136, 4.5543,
4.8195

301.2537,

■ 1.7098, 1.9882,

322.7383, 349.0038

2.0849

357.4666,
382.5774, 413.8695

■ 0.4624, 0.6006,
0.6067

■ 0.0000, 0.0000,
0.0000

■ 61.6164, 66.8443,
71.9421

■ 61.6164, 66.8443,
71.9421

■ 55.0973, 63.5973,
66.5881

■ 69.0101, 70.5404,
77.5917

■ 49.4131, 60.7732,
61.5201

■ 77.3051, 74.6936,
83.5376

■ 44.5291, 58.3563,
56.7344

■ 80.8762, 76.4059,
89.5212

■ 40.4061, 56.3263,
52.2254

■ 82.0409, 76.8717,
95.6543

■ 37.0013, 54.6614,
47.9873

■ 83.2564, 77.3579,
102.0551

■ 34.2678, 53.3373,
44.0140

■ 83.8471, 77.5942,
105.1657

■ 32.1525, 52.3269,
40.2990

■ 30.5942, 51.5986,
36.8355

■ 29.5178, 51.1138,
33.6156

Harmonies

Analogous

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



62.0157, 66.8443, 69.3344



61.6164, 66.8443, 71.9421



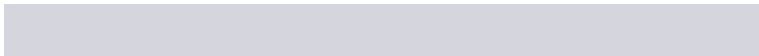
61.7265, 66.8443, 74.8443

Triad

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



61.6164, 66.8443, 71.9421



64.2495, 66.8443, 78.1332



64.7647, 66.8443, 68.4875

Complementary

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



61.6164, 66.8443, 71.9421



61.6613, 62.8668, 69.2095

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.



65.3755, 66.8443, 70.7581



61.6164, 66.8443, 71.9421



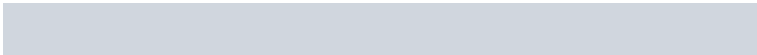
65.0758, 66.8443, 76.3422

Square

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



61.6164, 66.8443, 71.9421



63.2395, 66.8443, 78.4708



65.4900, 66.8443, 73.6286



63.8284, 66.8443, 67.3752

Rectangle

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



61.6164, 66.8443, 71.9421



62.0744, 66.8443, 76.5523



65.4900, 66.8443, 73.6286



65.0153, 66.8443, 69.1377

Sweetspot

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



61.6183, 66.8471, 71.9436



92.9012, 98.9266, 107.2475



61.8815, 67.0827, 67.4455



19.9072, 21.1856, 22.9728



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.



61.6183, 66.8471, 71.9436



88.7600, 96.8594, 103.9950



61.7555, 66.3033, 74.5120



12.9975, 14.2301, 15.2577



17.2782, 30.1666, 19.2927



1.0812, 1.8351, 1.3695

Inverse Universe

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



61.6613, 62.8668, 69.2095



88.8340, 90.0126, 99.2918



61.5243, 63.3762, 66.7489



13.0093, 13.1363, 14.5064



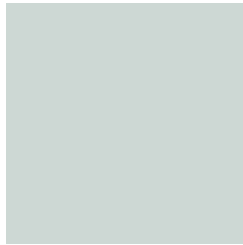
17.6358, 8.9907, 5.3864



1.1028, 0.5579, 0.5309

Previews

White Background



This preview shows how the XYZ color 61.6164, 66.8443, 71.9421 looks on a white background.

Color Contrast Check

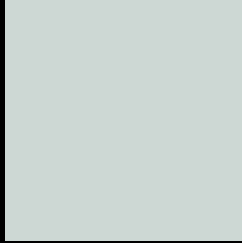
Large Text (above 18pt) WCAG AA × Fail

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 61.6164, 66.8443, 71.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

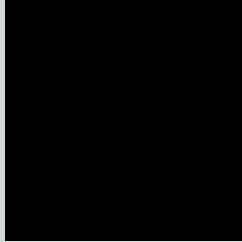
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

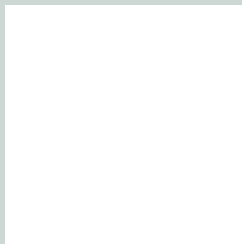
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6164, 66.8443, 71.9421

Background



This preview shows how black text looks on a background with the XYZ color 61.6164, 66.8443, 71.9421.



This preview shows how white text looks on a background with the XYZ color 61.6164, 66.8443,

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

61.6164, 66.8443, 71.9421

Protanopia

64.0898, 66.6455, 70.4587

Deuteranopia

67.8132, 66.3213, 72.8455



Tritanopia

64.0896, 66.7116, 84.3616

Trichromacy



Original Color

61.6164, 66.8443, 71.9421

Protanomaly

62.9927, 66.4378, 71.1317

Deuteranomaly

65.4883, 66.5853, 72.3514

Tritanomaly

63.0980, 66.6862, 79.3582

Monochromacy



Original Color

61.6164, 66.8443, 71.9421

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9724, 65.8973, 71.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6164, 66.8443, 71.9421 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, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.6164, 66.8443, 71.9421 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, 216, 212) }
```


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

```
.border{ border-color:rgb(205, 216, 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, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6164, 66.8443, 71.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 212) }
```

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

```
.background{ background-color: rgb(205,  
216, 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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