

Converting Colors

XYZ(61.1315, 65.4638, 71.7012)

Have a look what the booklet for
XYZ(61.1315, 65.4638, 71.7012)
contains.

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Color

**XYZ(61.1315, 65.4638,
71.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5D4
RGB	206, 213, 212
RGB Percent	81%, 84%, 83%
CMY	0.1922, 0.1647, 0.1686
CMYK	0.03, 0.00, 0.00, 0.16
HSL	171°, 8%, 82%
HSV	171°, 3%, 84%
XYZ	61.1315, 65.4638, 71.7012
YIQ	210.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

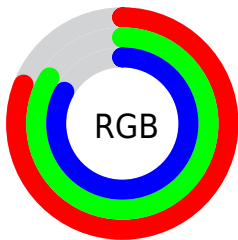
Format	Color
R _Y B	206, 210, 213
Decimal	13555156
CIE Lab	84.72, -2.55, -0.34
CIE LCh	85, 2.573, 187.645
Yxy	65.4638, 0.3083, 0.3301
Android (android.graphics.Color)	4291745236 (0xFFCED5D4)
YUV	210.7930, 0.5951, -4.2035
Hunter-Lab	80.9097, -6.7259, 4.0947

Details

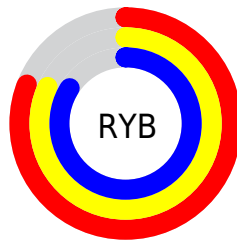
The XYZ color **61.1315, 65.4638, 71.7012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7767, 62.7954, 67.9520**, and the grayscale version is **61.7799, 64.9972, 70.7820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2616, 33.5634, 36.7290** is the 20% darker color. If you saturate the color by 10%, you get **55.2334, 62.4691, 69.4356**, and if you desaturate by 10%, it is **67.8420, 68.8801, 74.0456**.

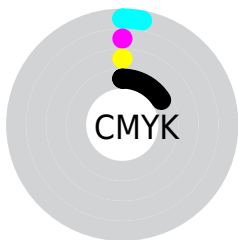
Distribution



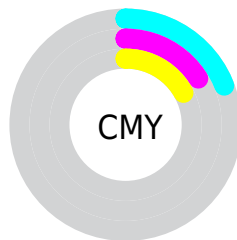
- Red (81%)
- Green (84%)
- Blue (83%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1315, 65.4638, 71.7012 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 61.1315, 65.4638, 71.7012 by changing the saturation by 10% instead.

■ 61.1315, 65.4638,
71.7012

■ 61.1315, 65.4638,
71.7012

418.5242,
444.4568, 485.4505

■ 44.5842, 47.8373,
52.4293

105.5664,
112.7164, 123.3354

■ 31.3300, 33.6980,
36.9628

134.1847,
143.1112, 156.5347

■ 21.0033, 22.6617,
24.8831

167.5574,
178.5310, 195.2136

■ 13.2389, 14.3439,
15.7718

206.0498,
219.3600, 239.7906

■ 7.6714, 8.3603,
9.2102

250.0274,
265.9827, 290.6843

■ 3.9354, 4.3263,
4.7798

299.8554,

■ 1.6657, 1.8577,

318.7835, 348.3131

2.0622

355.8992,
378.1467, 413.0957

■ 0.4346, 0.5228,
0.5931

■ 0.0000, 0.0000,
0.0000

■ 61.1315, 65.4638,
71.7012

■ 61.1315, 65.4638,
71.7012

■ 55.2334, 62.4691,
69.4356

■ 67.8420, 68.8801,
74.0456

■ 50.1100, 59.8712,
67.2426

■ 75.3895, 72.7253,
76.4659

■ 45.7291, 57.6551,
65.1220

■ 78.1076, 74.0799,
78.6987

■ 42.0538, 55.8020,
63.0717

■ 78.5185, 74.2442,
80.8621

■ 39.0443, 54.2913,
61.0898

■ 78.9367, 74.4115,
83.0646

■ 36.6565, 53.1003,
59.1740

■ 79.3625, 74.5818,
85.3065

■ 34.8412, 52.2036,
57.3216

■ 79.7957, 74.7551,
87.5880

■ 33.5416, 51.5719,
55.5299

■ 80.2365, 74.9314,
89.9092

■ 32.6891, 51.1699,
53.7955

■ 80.6849, 75.1108,
92.2703

Harmonies

Analogous

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



61.2040, 65.4638, 70.0808



61.1315, 65.4638, 71.7012



61.3496, 65.4638, 73.2313

Triad

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



61.1315, 65.4638, 71.7012



62.8994, 65.4638, 73.8169



62.6430, 65.4638, 68.3891

Complementary

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



61.1315, 65.4638, 71.7012



60.7767, 62.7954, 67.9520

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.



63.1013, 65.4638, 69.3616



61.1315, 65.4638, 71.7012



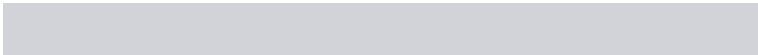
63.2500, 65.4638, 72.4907

Square

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



61.1315, 65.4638, 71.7012



62.3686, 65.4638, 74.4650



63.3241, 65.4638, 70.8584



62.0743, 65.4638, 68.1851

Rectangle

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



61.1315, 65.4638, 71.7012



61.6313, 65.4638, 73.9886



63.3241, 65.4638, 70.8584



62.8152, 65.4638, 68.6362

Sweetspot

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



61.1334, 65.4666, 71.7026



94.0593, 99.4961, 108.5469



60.6829, 65.3202, 67.8031



20.1430, 21.3016, 23.2372



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.



61.1334, 65.4666, 71.7026



91.1620, 98.0227, 107.4945



60.6484, 64.2935, 72.1675



13.3376, 14.3937, 15.8019



19.7518, 31.1561, 32.3183



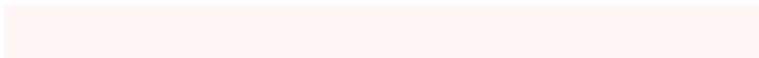
1.2128, 1.8878, 2.0622

Inverse Universe

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



60.7767, 62.7954, 67.9520



90.5067, 93.1138, 100.6019



61.2492, 63.9360, 67.5061



13.2255, 13.5542, 14.6231



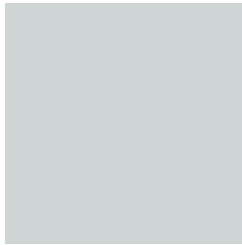
16.9318, 8.7091, 1.6791



1.0450, 0.5348, 0.2265

Previews

White Background



This preview shows how the XYZ color 61.1315, 65.4638, 71.7012 looks on a white background.

Color Contrast Check

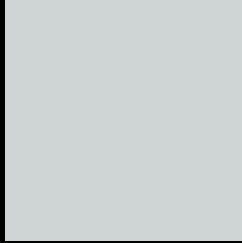
Large Text (above 18pt) WCAG AA × Fail

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 61.1315, 65.4638, 71.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

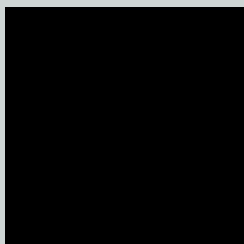
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

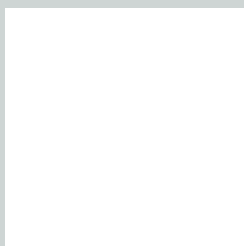
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1315, 65.4638, 71.7012

Background



This preview shows how black text looks on a background with the XYZ color 61.1315, 65.4638, 71.7012.



This preview shows how white text looks on a background with the XYZ color 61.1315, 65.4638,

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

61.1315, 65.4638, 71.7012

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

63.1718, 65.5445, 81.9949

Trichromacy



Original Color

61.1315, 65.4638, 71.7012

Protanomaly

62.2035, 65.2887, 70.9515

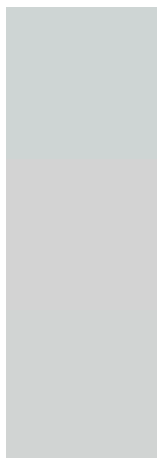
Deuteranomaly

64.6903, 65.4454, 72.1735

Tritanomaly

62.4604, 65.6263, 78.4824

Monochromacy



Original Color

61.1315, 65.4638, 71.7012

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5959, 65.3454, 70.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1315, 65.4638, 71.7012 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(206, 213, 212) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.1315, 65.4638, 71.7012 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(206, 213, 212) }
```


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

```
.border{ border-color:rgb(206, 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(206, 213, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1315, 65.4638, 71.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 212) }
```

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

```
.background{ background-color: rgb(206,  
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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