

# Converting Colors

XYZ(61.8916, 66.5777, 73.2071)

Have a look what the booklet for  
XYZ(61.8916, 66.5777, 73.2071)  
contains.

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# **Color**

**XYZ(61.8916, 66.5777,  
73.2071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CED7D6
RGB	206, 215, 214
RGB Percent	81%, 84%, 84%
CMY	0.1922, 0.1568, 0.1608
CMYK	0.04, 0.00, 0.00, 0.16
HSL	173°, 10%, 83%
HSV	173°, 4%, 84%
XYZ	61.8916, 66.5777, 73.2071
YIQ	212.1950, -5.0430, -2.2190

# Conversions

## Conversions Part 2

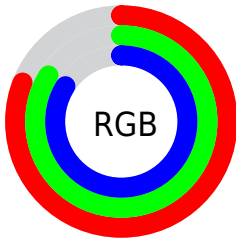
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 211, 215
Decimal	13555670
CIE Lab	85.29, -3.22, -0.57
CIE LCh	85, 3.267, 190.091
Yxy	66.5777, 0.3069, 0.3301
Android (android.graphics.Color)	4291745750 (0xFFCED7D6)
YUV	212.1950, 0.8899, -5.4330
Hunter-Lab	81.5952, -7.3956, 3.9217

# Details

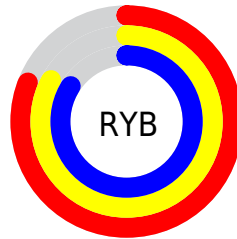
The XYZ color **61.8916, 66.5777, 73.2071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3605, 63.0964, 67.9793**, and the grayscale version is **62.7072, 65.9728, 71.8444**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7777, 34.3202, 37.7505** is the 20% darker color. If you saturate the color by 10%, you get **56.0230, 63.5893, 71.3479**, and if you desaturate by 10%, it is **68.5850, 69.9945, 75.1311**.

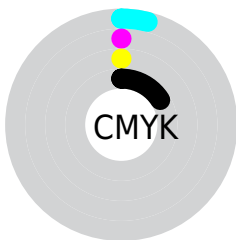
# Distribution



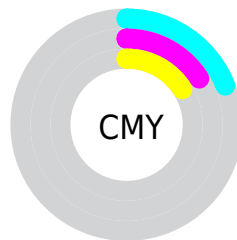
- Red (81%)
- Green (84%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8916, 66.5777, 73.2071 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 61.8916, 66.5777, 73.2071 by changing the saturation by 10% instead.



■ 61.8916, 66.5777,  
73.2071

■ 61.8916, 66.5777,  
73.2071

421.2594,  
448.4401, 490.8223

■ 45.2004, 48.7415,  
53.6525

106.6597,  
114.3151, 125.4948

■ 31.8172, 34.4145,  
37.9326

135.4672,  
144.9851, 159.0650

■ 21.3768, 23.2122,  
25.6290

169.0443,  
180.7018, 198.1441

■ 13.5137, 14.7503,  
16.3230

207.7562,  
221.8496, 243.1506

■ 7.8627, 8.6443,  
9.5962

251.9683,  
268.8130, 294.5032

■ 4.0583, 4.5099,  
5.0300

302.0460,

■ 1.7352, 1.9627,

321.9763, 352.6203

2.2058

358.3546,  
381.7238, 417.9205

■ 0.4781, 0.5857,  
0.6777

■ 0.0000, 0.0000,  
0.0000

■ 61.8916, 66.5777,  
73.2071

■ 61.8916, 66.5777,  
73.2071

■ 56.0230, 63.5893,  
71.3479

■ 68.5850, 69.9945,  
75.1311

■ 50.9406, 61.0038,  
69.5476


■ 76.1285, 73.8472,  
77.1171


■ 46.6111, 58.8059,  
67.8058


■ 78.6182, 75.0940,  
78.8903


■ 42.9965, 56.9761,  
66.1207


■ 78.9402, 75.2228,  
80.5859

 40.0559, 55.4932,  
64.4902

 79.2667, 75.3534,  
82.3055


 37.7437, 54.3337,  
62.9121


 79.5979, 75.4859,  
84.0494


 36.0089, 53.4715,  
61.3840

 79.9337, 75.6202,  
85.8176

 34.7927, 52.8760,  
59.9029

 80.2741, 75.7563,  
87.6101

 34.0232, 52.5103,  
58.4654

 80.6191, 75.8944,  
89.4272

# Harmonies

## Analogous

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



61.9536, 66.5777, 71.1150



61.8916, 66.5777, 73.2071



62.1994, 66.5777, 75.1440

# Triad

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



61.8916, 66.5777, 73.2071



64.1995, 66.5777, 75.6494



63.7651, 66.5777, 68.7329

# Complementary

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



61.8916, 66.5777, 73.2071



61.3605, 63.0964, 67.9793

# 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.



64.3733, 66.5777, 69.9028



61.8916, 66.5777, 73.2071



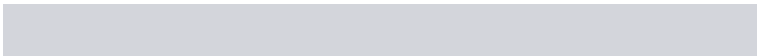
64.6254, 66.5777, 73.8862

# Square

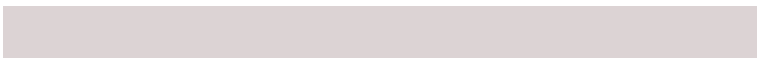
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8916, 66.5777, 73.2071



63.5294, 66.5777, 76.5721



64.6892, 66.5777, 71.7812



63.0315, 66.5777, 68.5591



# Rectangle

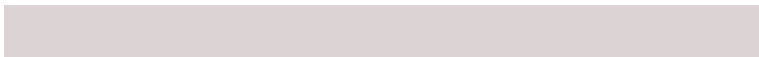
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8916, 66.5777, 73.2071



62.5743, 66.5777, 76.0764



64.6892, 66.5777, 71.7812



63.9912, 66.5777, 69.0216

# Sweetspot

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



61.8935, 66.5805, 73.2086



94.0723, 99.5013, 108.6156



61.1891, 66.3326, 67.9719



20.1457, 21.3026, 23.2512



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.



61.8935, 66.5805, 73.2086



90.2859, 97.5703, 107.4873



61.1524, 64.8927, 73.5958



13.2201, 14.3328, 15.8103



20.1865, 31.3299, 34.6074



1.2349, 1.8966, 2.1789

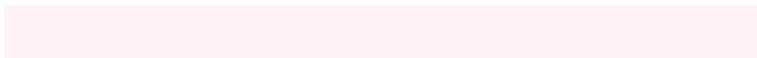


# Inverse Universe

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



61.3605, 63.0964, 67.9793



89.3458, 91.4249, 98.2639



62.0783, 64.7276, 67.6152



13.0657, 13.3234, 14.2954



16.8798, 8.6882, 1.4052

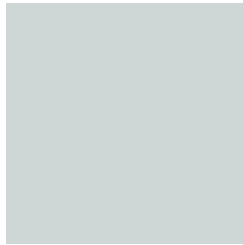


1.0375, 0.5318, 0.1867



# Previews

## White Background



This preview shows how the XYZ color 61.8916, 66.5777, 73.2071 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

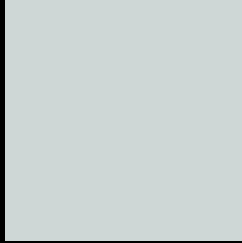
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.8916, 66.5777, 73.2071 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

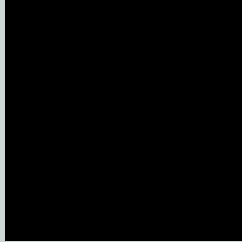
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

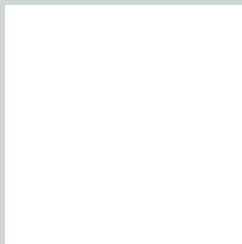
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.8916, 66.5777, 73.2071

## Background



This preview shows how black text looks on a background with the XYZ color 61.8916, 66.5777, 73.2071.



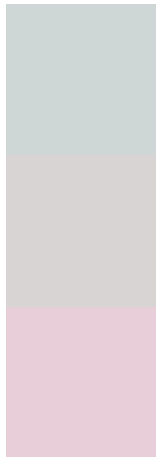
This preview shows how white text looks on a background with the XYZ color 61.8916, 66.5777,



# 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

61.8916, 66.5777, 73.2071

### Protanopia

64.0424, 66.5921, 71.7655

### Deuteranopia

67.7447, 66.2563, 74.1840



## Tritanopia

63.9495, 66.6555, 83.6240

# Trichromacy



## Original Color

61.8916, 66.5777, 73.2071

## Protanomaly

63.2451, 66.5387, 72.4607

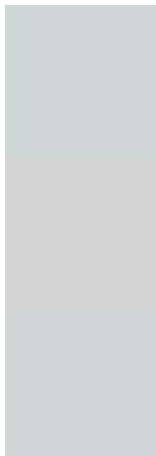
## Deuteranomaly

65.4976, 66.1952, 73.6148

## Tritanomaly

63.2332, 66.7404, 80.0704

# Monochromacy



## Original Color

61.8916, 66.5777, 73.2071

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

62.3828, 66.0942, 72.4203

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.8916, 66.5777, 73.2071 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, 215, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 214)  
}
```

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, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 61.8916, 66.5777, 73.2071 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, 215, 214) }
```



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

```
.border{ border-color:rgb(206, 215, 214) }
```

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

Here you see how a box with a 4 pixel rgb(206, 215, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.8916, 66.5777, 73.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 214) }
```

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

```
.background{ background-color: rgb(206,  
215, 214) }
```

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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