

Converting Colors

XYZ(61.5563, 66.0071, 71.3492)

Have a look what the booklet for
XYZ(61.5563, 66.0071, 71.3492)
contains.

XYZ(61.5366, 66.0617, 71.1359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5366, 66.0617,
71.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD6D3
RGB	207, 214, 211
RGB Percent	81%, 84%, 83%
CMY	0.1882, 0.1608, 0.1725
CMYK	0.03, 0.00, 0.01, 0.16
HSL	154°, 8%, 83%
HSV	154°, 3%, 84%
XYZ	61.5366, 66.0617, 71.1359
YIQ	211.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

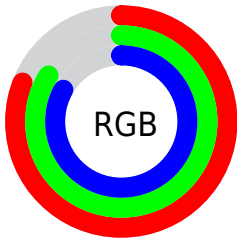
Format	Color
R _Y B	207, 211, 214
Decimal	13620947
CIE Lab	85.03, -2.92, 0.64
CIE LCh	85, 2.986, 167.560
Yxy	66.0617, 0.3096, 0.3324
Android (android.graphics.Color)	4291811027 (0xFFCFD6D3)
YUV	211.5650, -0.2785, -4.0035
Hunter-Lab	81.2783, -7.0931, 5.0034

Details

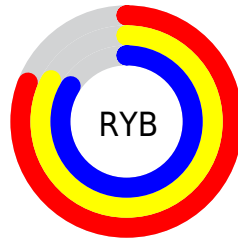
The XYZ color **61.5366, 66.0617, 71.1359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6797, 63.5767, 69.9967**, and the grayscale version is **62.2956, 65.5398, 71.3728**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6208, 34.0029, 36.7949** is the 20% darker color. If you saturate the color by 10%, you get **54.8406, 62.7408, 64.9876**, and if you desaturate by 10%, it is **69.1125, 69.8323, 77.6710**.

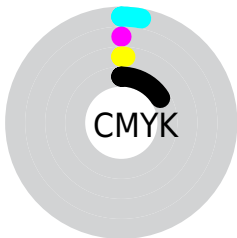
Distribution



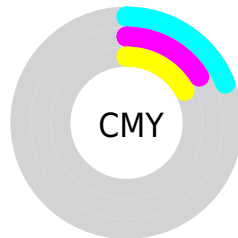
- Red (81%)
- Green (84%)
- Blue (83%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5366, 66.0617, 71.1359 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 61.5366, 66.0617, 71.1359 by changing the saturation by 10% instead.

■ 61.5366, 66.0617,
71.1359

■ 61.5366, 66.0617,
71.1359

419.9833,
446.5975, 483.4248

■ 44.9125, 48.3225,
51.9706

106.1492,
113.5749, 122.5235

■ 31.5895, 34.0823,
36.5996

134.8685,
144.1176, 155.5828

■ 21.2022, 22.9569,
24.6042

168.3503,
179.6971, 194.1106

■ 13.3852, 14.5617,
15.5661

206.9598,
220.6975, 238.5253

■ 7.7731, 8.5123,
9.0666

251.0625,
267.5034, 289.2456

■ 4.0007, 4.4245,
4.6873

301.0238,

■ 1.7025, 1.9137,

320.4991, 346.6899

2.0095

357.2089,
380.0690, 411.2768

■ 0.4579, 0.5566,
0.5611

■ 0.0000, 0.0000,
0.0000

■ 61.5366, 66.0617,
71.1359

■ 61.5366, 66.0617,
71.1359

■ 54.8406, 62.7408,
64.9876

■ 69.1125, 69.8323,
77.6710

■ 48.9853, 59.8440,
59.2146

■ 77.5942, 74.0603,
84.5957

■ 43.9370, 57.3559,
53.8109

■ 80.7991, 75.5602,
91.6273

■ 39.6575, 55.2569,
48.7687

■ 82.1865, 76.1151,
98.9331

■ 36.1051, 53.5257,
44.0799

■ 83.3378, 76.5757,
104.9959

■ 33.2343, 52.1389,
39.7360

■ 30.9940, 51.0704,
35.7282

■ 29.3254, 50.2899,
32.0470

■ 28.1580, 49.7614,
28.6821

Harmonies

Analogous

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



61.8411, 66.0617, 69.4621



61.5366, 66.0617, 71.1359



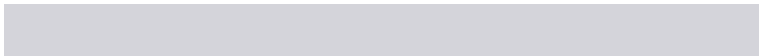
61.5661, 66.0617, 73.0519

Triad

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



61.5366, 66.0617, 71.1359



63.1802, 66.0617, 75.5152



63.6655, 66.0617, 69.2341

Complementary

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



61.5366, 66.0617, 71.1359



61.6797, 63.5767, 69.9967

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.



64.0294, 66.0617, 70.8195



61.5366, 66.0617, 71.1359



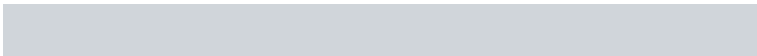
63.7478, 66.0617, 74.4556

Square

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



61.5366, 66.0617, 71.1359



62.5118, 66.0617, 75.6036



64.0596, 66.0617, 72.7299



63.0684, 66.0617, 68.3773

Rectangle

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



61.5366, 66.0617, 71.1359



61.7712, 66.0617, 74.2089



64.0596, 66.0617, 72.7299



63.8193, 66.0617, 69.6982

Sweetspot

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



61.5385, 66.0645, 71.1373



93.9425, 99.4493, 107.9317



61.8992, 66.3077, 68.5687



20.1192, 21.2921, 23.1121



0.0000, 0.0000, 0.0000



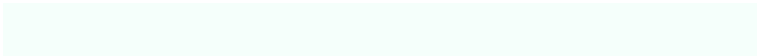
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5385, 66.0645, 71.1373



90.7001, 97.8380, 105.0619



61.8006, 65.9806, 73.1000



13.2585, 14.3620, 15.3851



16.7194, 29.9431, 16.3501



1.0495, 1.8225, 1.2026

Inverse Universe

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



61.6797, 63.5767, 69.9967



90.9580, 93.2943, 102.9787



61.4222, 63.6550, 68.0818



13.3026, 13.5850, 15.0288



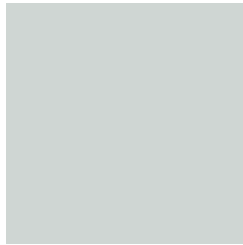
17.9735, 9.1257, 7.1644



1.1251, 0.5668, 0.6480

Previews

White Background



This preview shows how the XYZ color 61.5366, 66.0617, 71.1359 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 61.5366, 66.0617, 71.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

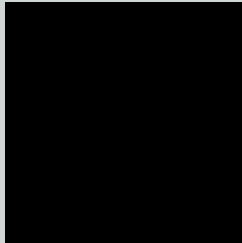
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

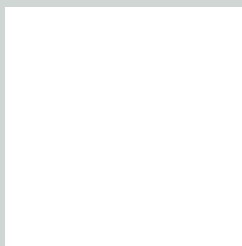
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5366, 66.0617, 71.1359

Background



This preview shows how black text looks on a background with the XYZ color 61.5366, 66.0617, 71.1359.

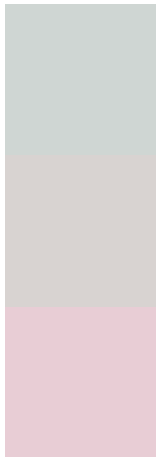


This preview shows how white text looks on a background with the XYZ color 61.5366, 66.0617,

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

61.5366, 66.0617, 71.1359

Protanopia

63.1218, 65.7909, 69.6936

Deuteranopia

67.1203, 65.6225, 72.0796



Tritanopia

63.8762, 65.8916, 82.7505

Trichromacy



Original Color

61.5366, 66.0617, 71.1359

Protanomaly

62.6169, 65.8862, 70.3898

Deuteranomaly

64.8710, 65.5532, 71.5213

Tritanomaly

63.0228, 65.9162, 78.5087

Monochromacy



Original Color

61.5366, 66.0617, 71.1359

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2563, 66.0436, 71.7538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5366, 66.0617, 71.1359 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(207, 214, 211) looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 211)  
}
```

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(207, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 211) }
```

Border

The CSS property to change the border of an element to XYZ 61.5366, 66.0617, 71.1359 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(207, 214, 211) }
```


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

```
.border{ border-color:rgb(207, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5366, 66.0617, 71.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 211) }
```

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

```
.background{ background-color: rgb(207,  
214, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor