

Converting Colors

XYZ(61.8878, 66.4719, 71.5035)

Have a look what the booklet for
XYZ(61.8878, 66.4719, 71.5035)
contains.

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Color

**XYZ(61.7904, 66.5694,
71.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD7D3
RGB	207, 215, 211
RGB Percent	81%, 84%, 83%
CMY	0.1882, 0.1568, 0.1725
CMYK	0.04, 0.00, 0.02, 0.16
HSL	150°, 9%, 83%
HSV	150°, 4%, 84%
XYZ	61.7904, 66.5694, 71.2205
YIQ	212.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

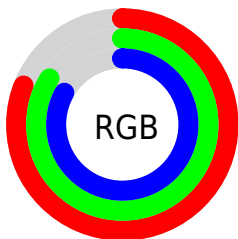
Format	Color
R_{YB}	207, 212, 215
Decimal	13621203
CIE Lab	85.29, -3.44, 1.02
CIE LCh	85, 3.583, 163.467
Yxy	66.5694, 0.3096, 0.3335
Android (android.graphics.Color)	4291811283 (0xFFCFD7D3)
YUV	212.1520, -0.5679, -4.5183
Hunter-Lab	81.5901, -7.5997, 5.3584

Details

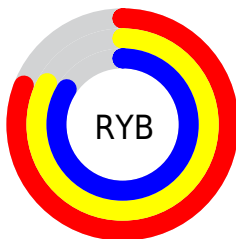
The XYZ color **61.7904, 66.5694, 71.2205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0974, 63.7775, 70.6686**, and the grayscale version is **62.6872, 65.9519, 71.8216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7935, 34.3482, 36.8525** is the 20% darker color. If you saturate the color by 10%, you get **54.8846, 63.1618, 64.0937**, and if you desaturate by 10%, it is **69.6082, 70.4405, 78.8636**.

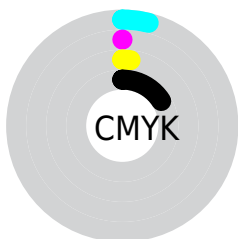
Distribution



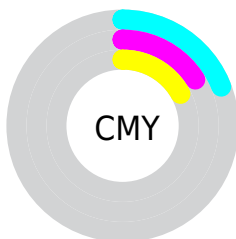
- Red (81%)
- Green (84%)
- Blue (83%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7904, 66.5694, 71.2205 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 61.7904, 66.5694, 71.2205 by changing the saturation by 10% instead.

■ 61.7904, 66.5694,
71.2205

■ 61.7904, 66.5694,
71.2205

420.8959,
448.4105, 483.7283

■ 45.1183, 48.7348,
52.0392

106.5142,
114.3032, 122.6450

■ 31.7523, 34.4091,
36.6539

135.2966,
144.9711, 155.7254

■ 21.3270, 23.2081,
24.6459

168.8465,
180.6857, 194.2758

■ 13.4771, 14.7472,
15.5968

207.5293,
221.8311, 238.7148

■ 7.8371, 8.6422,
9.0881

251.7102,
268.7920, 289.4611

■ 4.0418, 4.5085,
4.7011

301.7548,

■ 1.7258, 1.9619,

321.9525, 346.9330

2.0173

358.0282,
381.6972, 411.5493

■ 0.4724, 0.5852,
0.5659

■ 0.0000, 0.0000,
0.0000

■ 61.7904, 66.5694,
71.2205

■ 61.7904, 66.5694,
71.2205

■ 54.8846, 63.1618,
64.0937

■ 69.6082, 70.4405,
78.8636

■ 48.8505, 60.1915,
57.4682

■ 78.3651, 74.7831,
87.0292

■ 43.6532, 57.6426,
51.3342

■ 81.7595, 76.3505,
95.4323

■ 39.2531, 55.4948,
45.6802

■ 83.4343, 77.0205,
104.2517

■ 35.6073, 53.7264,
40.4942

■ 83.5917, 77.0834,
105.0806

■ 32.6687, 52.3132,
35.7634

■ 30.3846, 51.2282,
31.4746

■ 28.6942, 50.4405,
27.6138

■ 27.5243, 49.9125,
24.1657

Harmonies

Analogous

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



62.2065, 66.5694, 69.2925



61.7904, 66.5694, 71.2205



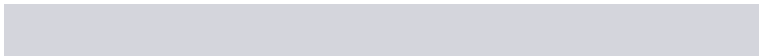
61.7692, 66.5694, 73.5269

Triad

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



61.7904, 66.5694, 71.2205



63.6357, 66.5694, 76.9091



64.4097, 66.5694, 69.4564

Complementary

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



61.7904, 66.5694, 71.2205



62.0974, 63.7775, 70.6686

Split Complementary

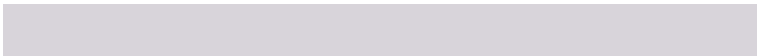
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7994, 66.5694, 71.4486



61.7904, 66.5694, 71.2205



64.3501, 66.5694, 75.7695

Square

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



61.7904, 66.5694, 71.2205



62.8299, 66.5694, 76.8448



64.7775, 66.5694, 73.7598



63.7166, 66.5694, 68.2890

Rectangle

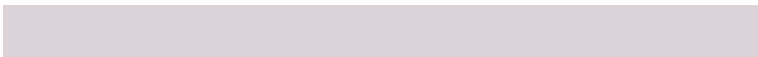
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7904, 66.5694, 71.2205



61.9815, 66.5694, 74.9713



64.7775, 66.5694, 73.7598



64.5808, 66.5694, 70.0500

Sweetspot

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



61.7923, 66.5722, 71.2220



93.9133, 99.4377, 107.7784



62.4675, 66.9776, 68.6679



20.1133, 21.2897, 23.0809



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.



61.7923, 66.5722, 71.2220



90.5858, 97.7922, 104.4600



62.2835, 66.7687, 73.8085



13.2389, 14.3542, 15.2821



16.1898, 29.7313, 13.5613



1.0183, 1.8100, 1.0380

Inverse Universe

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



62.0974, 63.7775, 70.6686



91.0719, 93.3398, 103.5784



61.6179, 63.5857, 68.1435



13.3221, 13.5928, 15.1313



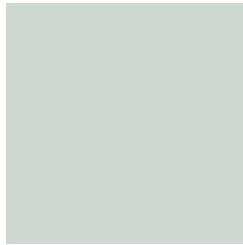
18.4200, 9.3043, 9.5155



1.1528, 0.5779, 0.7940

Previews

White Background



This preview shows how the XYZ color 61.7904, 66.5694, 71.2205 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 61.7904, 66.5694, 71.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

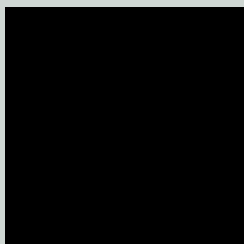
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

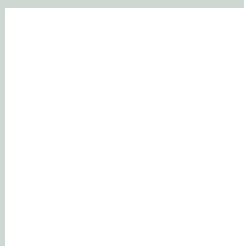
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7904, 66.5694, 71.2205

Background



This preview shows how black text looks on a background with the XYZ color 61.7904, 66.5694, 71.2205.



This preview shows how white text looks on a background with the XYZ color 61.7904, 66.5694,

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

61.7904, 66.5694, 71.2205

Protanopia

63.6674, 66.4421, 69.7906

Deuteranopia

67.6858, 66.2703, 72.1748



Tritanopia

64.2647, 66.4457, 83.5669

Trichromacy



Original Color

61.7904, 66.5694, 71.2205

Protanomaly

62.8677, 66.3878, 70.4734

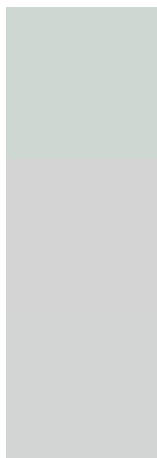
Deuteranomaly

65.4246, 66.2017, 71.6173

Tritanomaly

63.2736, 66.4177, 78.5923

Monochromacy



Original Color

61.7904, 66.5694, 71.2205

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 61.7904, 66.5694, 71.2205 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, 215, 211) looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 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, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 61.7904, 66.5694, 71.2205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

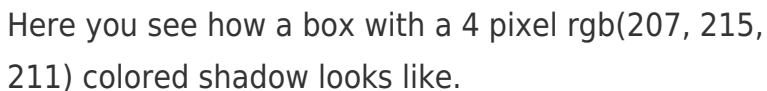
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 211) }
```


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

```
.border{ border-color:rgb(207, 215, 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, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7904, 66.5694, 71.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 211) }
```

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

```
.background{ background-color: rgb(207,  
215, 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](#).

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