

Converting Colors

XYZ(60.1979, 63.0804, 71.0591)

Have a look what the booklet for
XYZ(60.1979, 63.0804, 71.0591)
contains.

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Color

**XYZ(60.1717, 63.1306,
71.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD0D4
RGB	207, 208, 212
RGB Percent	81%, 82%, 83%
CMY	0.1882, 0.1843, 0.1686
CMYK	0.02, 0.02, 0.00, 0.17
HSL	228°, 5%, 82%
HSV	228°, 2%, 83%
XYZ	60.1717, 63.1306, 71.3014
YIQ	208.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

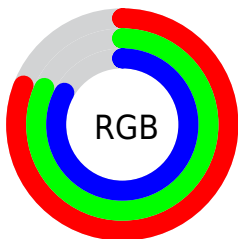
Format	Color
RYP	207, 208, 212
Decimal	13619412
CIE Lab	83.51, 0.40, -2.11
CIE LCh	84, 2.144, 280.748
Yxy	63.1306, 0.3092, 0.3244
Android (android.graphics.Color)	4291809492 (0xFFCFD0D4)
YUV	208.1570, 1.8946, -1.0147
Hunter-Lab	79.4548, -3.8664, 2.4125

Details

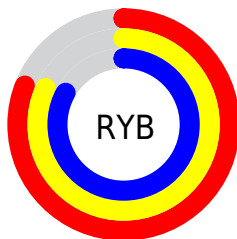
The XYZ color **60.1717, 63.1306, 71.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7083, 65.0900, 68.3438**, and the grayscale version is **60.0465, 63.1736, 68.7961**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7783, 32.3178, 36.5141** is the 20% darker color. If you saturate the color by 10%, you get **50.7289, 52.4549, 69.7394**, and if you desaturate by 10%, it is **70.8549, 75.1046, 73.0505**.

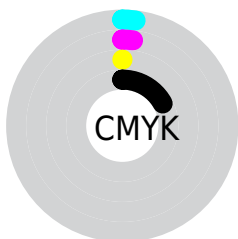
Distribution



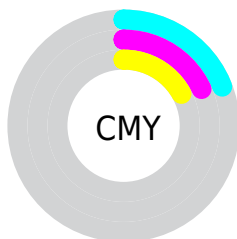
- Red (81%)
- Green (82%)
- Blue (83%)



- Red (81%)
- Yellow (82%)
- Blue (83%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1717, 63.1306, 71.3014 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 60.1717, 63.1306, 71.3014 by changing the saturation by 10% instead.

■ 60.1717, 63.1306,
71.3014

■ 60.1717, 63.1306,
71.3014

415.0550,
436.0433, 484.0184

■ 43.8070, 45.9469,
52.1049

104.1836,
109.3579, 122.7612

■ 30.7161, 32.2039,
36.7058

132.5616,
139.1703, 155.8616

■ 20.5335, 21.5173,
24.6858

165.6747,
173.9610, 194.4337

■ 12.8940, 13.5026,
15.6262

203.8883,
214.1144, 238.8960

■ 7.4321, 7.7756,
9.1086

247.5678,
260.0150, 289.6671

■ 3.7825, 3.9517,
4.7143

297.0785,

■ 1.5798, 1.6466,

312.0470, 347.1655

2.0248

352.7858,
370.5950, 411.8097

■ 0.3792, 0.3887,
0.5705

■ 0.0000, 0.0000,
0.0000

■ 60.1717, 63.1306,
71.3014

■ 60.1717, 63.1306,
71.3014

■ 50.7289, 52.4549,
69.7394

■ 70.8549, 75.1046,
73.0505

■ 42.4758, 43.0256,
68.3544

■ 82.8159, 88.4106,
74.9884

■ 35.3661, 34.7991,
67.1412

■ 88.8838, 97.5335,
76.4295

■ 29.3485, 27.7261,
66.0932

■ 24.3676, 21.7540,
65.2029

■ 20.3630, 16.8258,
64.4628

■ 17.2680, 12.8793,
63.8642

■ 15.0067, 9.8453,
63.3977

■ 13.4904, 7.6443,
63.0528

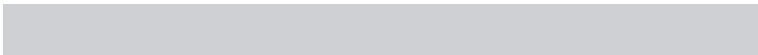
Harmonies

Analogous

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



59.7076, 63.1306, 71.2001



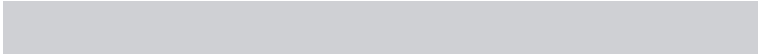
60.1717, 63.1306, 71.3014



60.5930, 63.1306, 70.7093

Triad

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



60.1717, 63.1306, 71.3014



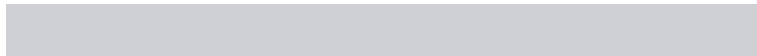
60.6880, 63.1306, 67.0701



59.1583, 63.1306, 67.8923

Complementary

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



60.1717, 63.1306, 71.3014



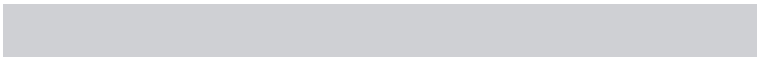
61.7083, 65.0900, 68.3438

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.



59.4183, 63.1306, 66.8047



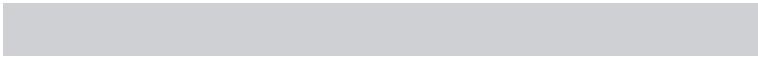
60.1717, 63.1306, 71.3014



60.3009, 63.1306, 66.3343

Square

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



60.1717, 63.1306, 71.3014



60.8921, 63.1306, 68.2590



59.8361, 63.1306, 66.2377



59.1241, 63.1306, 69.2202

Rectangle

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



60.1717, 63.1306, 71.3014



60.7922, 63.1306, 70.0054



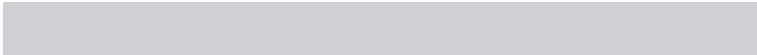
59.8361, 63.1306, 66.2377



59.2221, 63.1306, 67.4870

Sweetspot

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



60.1735, 63.1333, 71.3028



93.4712, 98.2259, 108.6408



61.0241, 65.0524, 70.9143



20.0233, 21.0431, 23.2563



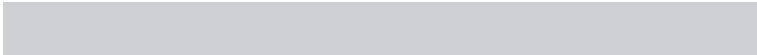
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.1735, 63.1333, 71.3028



90.3715, 94.7381, 108.1309



60.3273, 62.8506, 71.2401



13.1493, 13.7718, 15.9027



7.9165, 4.0947, 38.8263



0.5369, 0.3658, 2.3616

Inverse Universe

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



60.8508, 63.1780, 68.6650



91.6888, 94.8282, 102.9996



61.5517, 65.3804, 68.4081



13.3896, 13.7888, 14.9663



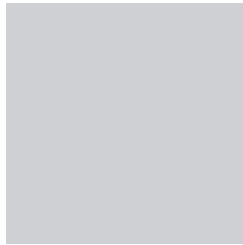
17.0547, 8.7582, 2.3263



1.0587, 0.5403, 0.2983

Previews

White Background



This preview shows how the XYZ color 60.1717, 63.1306, 71.3014 looks on a white background.

Color Contrast Check

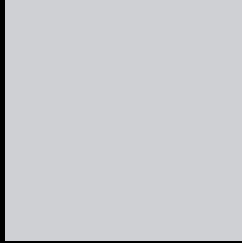
Large Text (above 18pt) WCAG AA × Fail

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 60.1717, 63.1306, 71.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

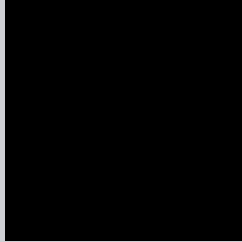
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

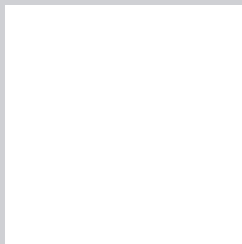
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1717, 63.1306, 71.3014

Background



This preview shows how black text looks on a background with the XYZ color 60.1717, 63.1306, 71.3014.

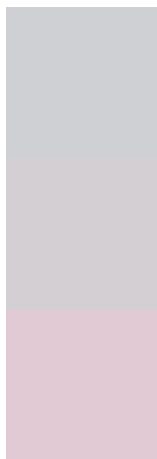


This preview shows how white text looks on a background with the XYZ color 60.1717, 63.1306,

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

60.1717, 63.1306, 71.3014

Protanopia

60.9347, 63.1777, 70.6109

Deuteranopia

64.4948, 63.2139, 71.7531



Tritanopia

61.6851, 63.0256, 78.7260

Trichromacy



Original Color

60.1717, 63.1306, 71.3014

Protanomaly

60.6490, 63.0304, 70.5976

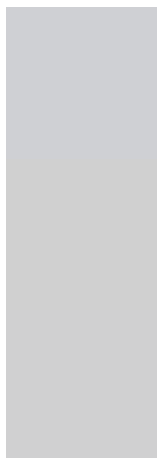
Deuteranomaly

62.8165, 63.0499, 71.8098

Tritanomaly

61.1114, 63.1500, 75.9861

Monochromacy



Original Color

60.1717, 63.1306, 71.3014

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0769, 63.1251, 69.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1717, 63.1306, 71.3014 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, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 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(207, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.1717, 63.1306, 71.3014 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, 208, 212) }
```


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

```
.border{ border-color:rgb(207, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1717, 63.1306, 71.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 212) }
```

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

```
.background{ background-color: rgb(207,  
208, 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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