

Converting Colors

XYZ(57.2799, 61.7320, 71.1130)

Have a look what the booklet for
XYZ(57.2799, 61.7320, 71.1130)
contains.

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Color

**XYZ(57.2045, 61.6010,
71.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D0D4
RGB	196, 208, 212
RGB Percent	77%, 82%, 83%
CMY	0.2314, 0.1843, 0.1686
CMYK	0.08, 0.02, 0.00, 0.17
HSL	195°, 16%, 80%
HSV	195°, 8%, 83%
XYZ	57.2045, 61.6010, 71.1625
YIQ	204.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

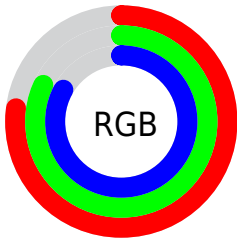
Format	Color
RYB	196, 203, 212
Decimal	12898516
CIELab	82.70, -3.28, -3.39
CIELCh	83, 4.720, 225.915
Yxy	61.6010, 0.3011, 0.3243
Android (android.graphics.Color)	4291088596 (0xFFC4D0D4)
YUV	204.8680, 3.5161, -7.7772
Hunter-Lab	78.4863, -7.2519, 1.1830

Details

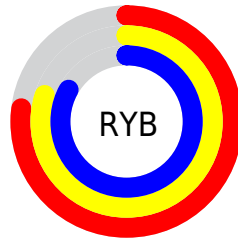
The XYZ color **57.2045, 61.6010, 71.1625** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7697, 59.2906, 60.6250**, and the grayscale version is **57.9281, 60.9449, 66.3690**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.7967, 31.2963, 36.4213** is the 20% darker color. If you saturate the color by 10%, you get **50.8058, 56.4191, 70.5005**, and if you desaturate by 10%, it is **64.4290, 67.2760, 71.8781**.

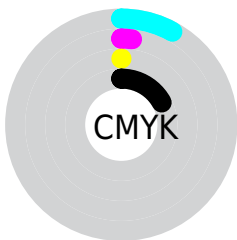
Distribution



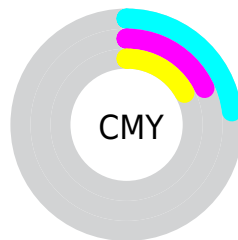
- Red (77%)
- Green (82%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2045, 61.6010, 71.1625 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 57.2045, 61.6010, 71.1625 by changing the saturation by 10% instead.

■ 57.2045, 61.6010,
71.1625

■ 57.2045, 61.6010,
71.1625

404.2170,
430.4742, 483.5203

■ 41.4102, 44.7104,
51.9922

99.8932, 107.1487,
122.5617

■ 28.8289, 31.2294,
36.6166

127.5183,
136.5745, 155.6276

■ 19.0950, 20.7736,
24.6174

159.8177,
170.9475, 194.1625

■ 11.8434, 12.9586,
15.5758

197.1568,
210.6521, 238.5849

■ 6.7086, 7.4000,
9.0734

239.9009,
256.0727, 289.3134

■ 3.3252, 3.7135,
4.6916

288.4154,

■ 1.3280, 1.5146,

307.5936, 346.7664

2.0119

343.0656,
365.5993, 411.3625

■ 0.2040, 0.2990,
0.5626

■ 0.0000, 0.0000,
0.0000

■ 57.2045, 61.6010,
71.1625

■ 57.2045, 61.6010,
71.1625

■ 50.8058, 56.4191,
70.5005

■ 64.4290, 67.2760,
71.8781

■ 45.1948, 51.7050,
69.8863

■ 72.5051, 73.4529,
72.6447

■ 40.3379, 47.4425,
69.3196

■ 79.7504, 79.2667,
73.3850

■ 36.1973, 43.6113,
68.7983

■ 81.1950, 82.1559,
73.8665

■ 32.7315, 40.1895,
68.3205

■ 82.6844, 85.1346,
74.3630

■ 29.8946, 37.1527,
67.8838

■ 84.2188, 88.2035,
74.8744

■ 27.6347, 34.4735,
67.4858

■ 85.7988, 91.3634,
75.4011

■ 25.8909, 32.1200,
67.1234

■ 87.4246, 94.6150,
75.9430

■ 24.5794, 30.0481,
66.7927

■ 88.8838, 97.5335,
76.4294

Harmonies

Analogous

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



56.6957, 61.6010, 68.6151



57.2045, 61.6010, 71.1625



58.0769, 61.6010, 72.6334

Triad

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



57.2045, 61.6010, 71.1625



60.4605, 61.6010, 68.4405



58.0171, 61.6010, 61.8476

Complementary

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



57.2045, 61.6010, 71.1625



57.7697, 59.2906, 60.6250

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.



59.0255, 61.6010, 61.8039



57.2045, 61.6010, 71.1625



60.4441, 61.6010, 65.5542

Square

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



57.2045, 61.6010, 71.1625



59.9609, 61.6010, 71.0315



59.9162, 61.6010, 63.1433



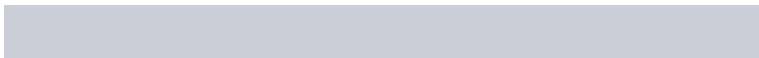
57.1612, 61.6010, 63.2644

Rectangle

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



57.2045, 61.6010, 71.1625



58.7510, 61.6010, 72.7791



59.9162, 61.6010, 63.1433



58.3493, 61.6010, 61.6732

Sweetspot

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



57.2063, 61.6036, 71.1639



92.7934, 98.2354, 108.6783



56.7036, 62.9814, 63.6494



19.8853, 21.0450, 23.2640



0.0000, 0.0000, 0.0000



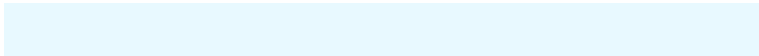
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2063, 61.6036, 71.1639



85.3033, 92.3009, 107.9276



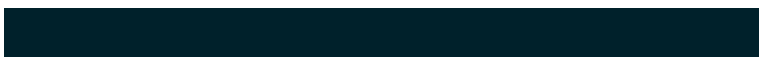
55.3657, 57.9225, 70.5503



12.5173, 13.5580, 15.8947



15.0781, 18.4180, 41.2135



0.9732, 1.2383, 2.5070

Inverse Universe

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



58.2778, 58.0322, 67.8073



87.2513, 85.8576, 101.8148



59.6070, 62.9654, 61.2375



12.8143, 12.5772, 14.9624



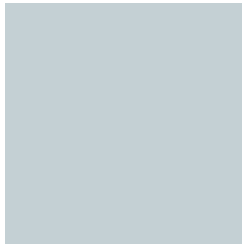
20.6696, 10.2042, 21.3619



1.2789, 0.6283, 1.4578

Previews

White Background



This preview shows how the XYZ color 57.2045, 61.6010, 71.1625 looks on a white background.

Color Contrast Check

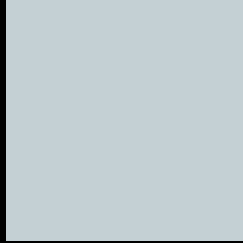
Large Text (above 18pt) WCAG AA × Fail

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 57.2045, 61.6010, 71.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

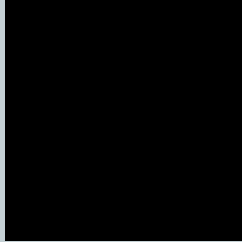
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

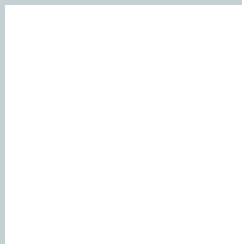
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2045, 61.6010, 71.1625

Background



This preview shows how black text looks on a background with the XYZ color 57.2045, 61.6010, 71.1625.



This preview shows how white text looks on a background with the XYZ color 57.2045, 61.6010,

71.1625.

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

57.2045, 61.6010, 71.1625

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

62.6852, 61.2315, 72.1333



Tritanopia

58.6793, 61.4761, 78.5854

Trichromacy



Original Color

57.2045, 61.6010, 71.1625

Protanomaly

58.7310, 61.6831, 70.4386

Deuteranomaly

60.5713, 61.1913, 71.5694

Tritanomaly

58.1250, 61.6104, 75.8463

Monochromacy



Original Color

57.2045, 61.6010, 71.1625

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8136, 61.2532, 68.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2045, 61.6010, 71.1625 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(196, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.2045, 61.6010, 71.1625 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(196, 208, 212) }
```


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

```
.border{ border-color:rgb(196, 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(196, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 208, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 208, 212); box-shadow:4px 4px 4px 4px rgb(196, 208, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2045, 61.6010, 71.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 212) }
```

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

```
.background{ background-color: rgb(196,  
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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