

Converting Colors

XYZ(57.1223, 61.5345, 71.5083)

Have a look what the booklet for
XYZ(57.1223, 61.5345, 71.5083)
contains.

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Color

**XYZ(57.0718, 61.5179,
71.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D0D5
RGB	195, 208, 213
RGB Percent	76%, 82%, 84%
CMY	0.2353, 0.1843, 0.1647
CMYK	0.08, 0.02, 0.00, 0.16
HSL	197°, 18%, 80%
HSV	197°, 8%, 84%
XYZ	57.0718, 61.5179, 71.8169
YIQ	204.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

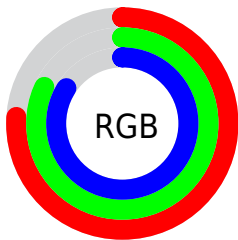
Format	Color
R_{YB}	195, 203, 213
Decimal	12832981
CIE _{Lab}	82.66, -3.42, -4.00
CIE _{LCh}	83, 5.260, 229.458
Yxy	61.5179, 0.2997, 0.3231
Android (android.graphics.Color)	4291023061 (0xFFC3D0D5)
YUV	204.6830, 4.1003, -8.4920
Hunter-Lab	78.4333, -7.3733, 0.6149

Details

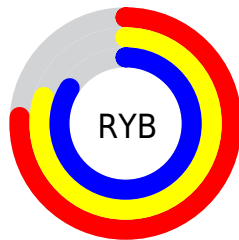
The XYZ color **57.0718, 61.5179, 71.8169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9455, 59.3945, 60.0411**, and the grayscale version is **57.8075, 60.8180, 66.2308**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.7117, 31.2425, 36.8649** is the 20% darker color. If you saturate the color by 10%, you get **50.5416, 56.0526, 71.1071**, and if you desaturate by 10%, it is **64.4444, 67.5006, 72.5841**.

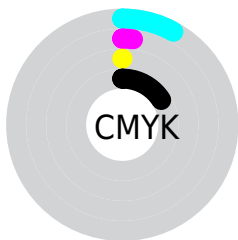
Distribution



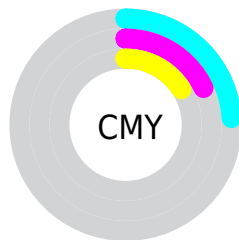
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0718, 61.5179, 71.8169 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 57.0718, 61.5179, 71.8169 by changing the saturation by 10% instead.

■ 57.0718, 61.5179,
71.8169

■ 57.0718, 61.5179,
71.8169

403.7281,
430.1704, 485.8644

■ 41.3033, 44.6433,
52.5232

■ 99.7007, 107.0285,
123.5015

■ 28.7448, 31.1765,
37.0372

127.2918,
136.4332, 156.7294

■ 19.0312, 20.7333,
24.9403

159.5544,
170.7834, 195.4392

■ 11.7970, 12.9292,
15.8139

196.8539,
210.4634, 240.0493

■ 6.6768, 7.3798,
9.2397

239.5557,
255.8578, 290.9784

■ 3.3053, 3.7007,
4.7989

288.0251,

■ 1.3172, 1.5076,

307.3508, 348.6449

2.0731

342.6274,
365.3268, 413.4674

■ 0.1960, 0.2941,
0.5997

■ 0.0000, 0.0000,
0.0000

■ 57.0718, 61.5179,
71.8169

■ 57.0718, 61.5179,
71.8169

■ 50.5416, 56.0526,
71.1071

■ 64.4444, 67.5006,
72.5841

■ 44.8148, 51.0787,
70.4489

■ 72.6857, 74.0102,
73.4062

■ 39.8571, 46.5794,
69.8418

■ 80.3772, 80.3178,
74.2183

■ 35.6298, 42.5338,
69.2837

■ 82.0106, 83.5846,
74.7627

■ 32.0904, 38.9191,
68.7725

■ 83.7000, 86.9633,
75.3259

■ 29.1917, 35.7101,
68.3059

■ 85.4459, 90.4551,
75.9078

■ 26.8805, 32.8784,
67.8811

■ 87.2488, 94.0610,
76.5088

■ 25.0939, 30.3906,
67.4951

■ 89.0104, 97.5842,
77.0960

■ 23.7375, 28.1970,
67.1432

Harmonies

Analogous

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



56.4487, 61.5179, 69.0741



57.0718, 61.5179, 71.8169



58.0748, 61.5179, 73.2797

Triad

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



57.0718, 61.5179, 71.8169



60.6302, 61.5179, 68.1259



57.7511, 61.5179, 61.2923

Complementary

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



57.0718, 61.5179, 71.8169



57.9455, 59.3945, 60.0411

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.



58.8688, 61.5179, 61.0569



57.0718, 61.5179, 71.8169



60.5408, 61.5179, 64.9337

Square

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



57.0718, 61.5179, 71.8169



60.1354, 61.5179, 71.1036



59.8927, 61.5179, 62.3701



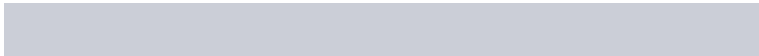
56.8374, 61.5179, 63.0238

Rectangle

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



57.0718, 61.5179, 71.8169



58.8282, 61.5179, 73.3013



59.8927, 61.5179, 62.3701



58.1151, 61.5179, 61.0377

Sweetspot

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



57.0736, 61.5205, 71.8183



91.6176, 97.2303, 108.5463



56.7029, 63.3524, 63.7619



19.4179, 20.6555, 23.2134



0.0000, 0.0000, 0.0000



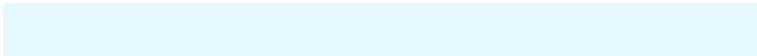
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0736, 61.5205, 71.8183



84.0660, 91.0466, 107.7507



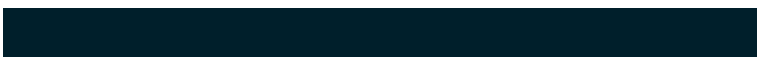
54.9865, 57.3463, 71.1226



12.4872, 13.4978, 15.8847



14.4716, 17.2049, 41.0113



0.9408, 1.1735, 2.4962

Inverse Universe

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



58.3422, 57.7317, 67.7458



86.3289, 84.3481, 100.4734



60.0433, 63.5902, 60.7404



12.7991, 12.5711, 14.8824



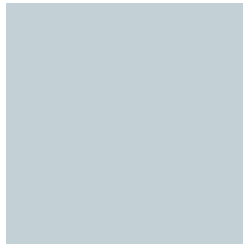
20.3634, 10.0817, 19.7498



1.2625, 0.6218, 1.3717

Previews

White Background



This preview shows how the XYZ color 57.0718, 61.5179, 71.8169 looks on a white background.

Color Contrast Check

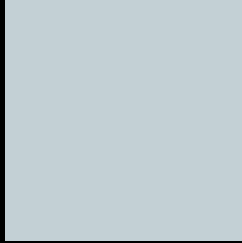
Large Text (above 18pt) WCAG AA × Fail

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 57.0718, 61.5179, 71.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

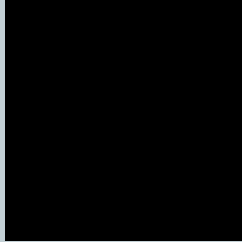
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

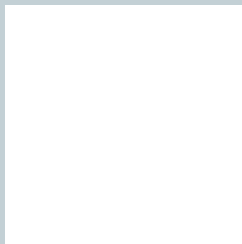
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0718, 61.5179, 71.8169

Background



This preview shows how black text looks on a background with the XYZ color 57.0718, 61.5179, 71.8169.



This preview shows how white text looks on a background with the XYZ color 57.0718, 61.5179,

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

57.0718, 61.5179, 71.8169

Protanopia

59.3632, 61.2988, 70.3311

Deuteranopia

62.5080, 61.1253, 72.7938



Tritanopia

58.4165, 61.3406, 78.5731

Trichromacy



Original Color

57.0718, 61.5179, 71.8169

Protanomaly

58.3436, 61.1126, 71.0082

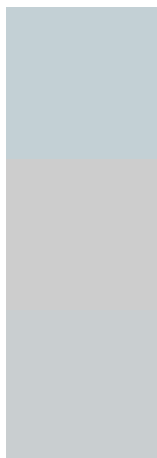
Deuteranomaly

60.4095, 61.0931, 72.2266

Tritanomaly

57.8640, 61.4759, 75.8341

Monochromacy



Original Color

57.0718, 61.5179, 71.8169

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5439, 61.1142, 68.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0718, 61.5179, 71.8169 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(195, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 213)  
}
```

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(195, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.0718, 61.5179, 71.8169 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(195, 208, 213) }
```


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

```
.border{ border-color:rgb(195, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 208, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 208, 213); box-shadow:4px 4px 4px 4px rgb(195, 208, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0718, 61.5179, 71.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 213) }
```

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

```
.background{ background-color: rgb(195,  
208, 213) }
```

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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