

Converting Colors

XYZ(56.8675, 60.3371, 71.5998)

Have a look what the booklet for
XYZ(56.8675, 60.3371, 71.5998)
contains.

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Color

**XYZ(56.8675, 60.3371,
71.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDD5
RGB	197, 205, 213
RGB Percent	77%, 80%, 84%
CMY	0.2274, 0.1961, 0.1647
CMYK	0.08, 0.04, 0.00, 0.16
HSL	210°, 16%, 80%
HSV	210°, 8%, 84%
XYZ	56.8675, 60.3371, 71.5998
YIQ	203.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

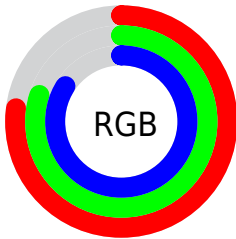
Format	Color
RYB	197, 202, 213
Decimal	12963285
CIELab	82.02, -1.18, -4.92
CIELCh	82, 5.058, 256.453
Yxy	60.3371, 0.3012, 0.3196
Android (android.graphics.Color)	4291153365 (0xFFC5CDD5)
YUV	203.5200, 4.6736, -5.7180
Hunter-Lab	77.6770, -5.2544, -0.2775

Details

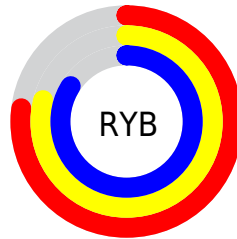
The XYZ color **56.8675, 60.3371, 71.5998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3501, 61.8393, 61.6323**, and the grayscale version is **57.0680, 60.0400, 65.3835**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.5659, 30.4415, 36.7180** is the 20% darker color. If you saturate the color by 10%, you get **49.2193, 52.7432, 70.5381**, and if you desaturate by 10%, it is **65.4805, 68.6889, 72.7588**.

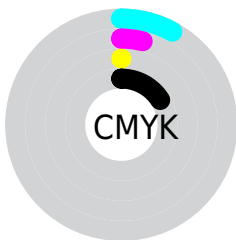
Distribution



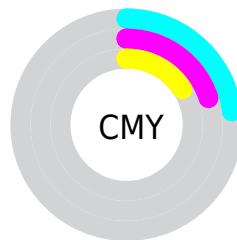
- Red (77%)
- Green (80%)
- Blue (84%)



- Red (77%)
- Yellow (79%)
- Blue (84%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8675, 60.3371, 71.5998 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 56.8675, 60.3371, 71.5998 by changing the saturation by 10% instead.

■ 56.8675, 60.3371,
71.5998

■ 56.8675, 60.3371,
71.5998

402.9748,
425.8392, 485.0875

■ 41.1386, 43.6904,
52.3470

99.4043, 105.3185,
123.1898

■ 28.6155, 30.4272,
36.8976

126.9429,
134.4220, 156.3641

■ 18.9330, 20.1631,
24.8330

159.1488,
168.4466, 195.0159

■ 11.7256, 12.5136,
15.7348

196.3873,
207.7766, 239.5638

■ 6.6280, 7.0945,
9.1844

239.0238,
252.7965, 290.4264

■ 3.2748, 3.5213,
4.7632

287.4237,

■ 1.3007, 1.4095,

303.8906, 348.0222

2.0527

341.9522,
361.4434, 412.7697

■ 0.1837, 0.2237,
0.5874

■ 0.0000, 0.0000,
0.0000

■ 56.8675, 60.3371,
71.5998

■ 56.8675, 60.3371,
71.5998

■ 49.2193, 52.7432,
70.5381

■ 65.4805, 68.6889,
72.7588

■ 42.4944, 45.8758,
69.5670

■ 75.0874, 77.8136,
74.0137

■ 36.6559, 39.7123,
68.6850

■ 83.5177, 86.5987,
75.2651

■ 31.6621, 34.2257,
67.8892

■ 86.6910, 92.9453,
76.3229

■ 27.4678, 29.3872,
67.1763

■ 89.0104, 97.5842,
77.0960

■ 24.0232, 25.1653,
66.5430

■ 21.2721, 21.5250,
65.9853

■ 19.1492, 18.4264,
65.4991

■ 17.5662, 15.8173,
65.0789

Harmonies

Analogous

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



55.9413, 60.3371, 70.0656



56.8675, 60.3371, 71.5998



57.9339, 60.3371, 71.5178

Triad

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



56.8675, 60.3371, 71.5998



59.3467, 60.3371, 64.0403



55.8687, 60.3371, 61.7162

Complementary

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



56.8675, 60.3371, 71.5998



59.3501, 61.8393, 61.6323

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.



56.7672, 60.3371, 60.2006



56.8675, 60.3371, 71.5998



58.7793, 60.3371, 61.5136

Square

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



56.8675, 60.3371, 71.5998



59.3743, 60.3371, 67.0883



57.8324, 60.3371, 60.1276



55.3695, 60.3371, 64.3248

Rectangle

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



56.8675, 60.3371, 71.5998



58.5811, 60.3371, 70.5565



57.8324, 60.3371, 60.1276



56.1335, 60.3371, 61.0656

Sweetspot

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



56.8692, 60.3396, 71.6011



92.3907, 97.4300, 108.5441



57.8084, 63.8547, 66.8683



19.8033, 20.8810, 23.2366



0.0000, 0.0000, 0.0000



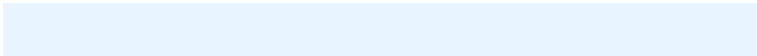
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8692, 60.3396, 71.6011



83.5543, 88.8030, 107.3446



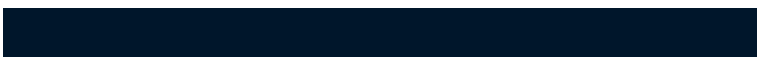
55.0640, 56.7291, 70.9994



12.2507, 13.0248, 15.8059



10.6213, 9.5044, 39.7279



0.7234, 0.7388, 2.4238

Inverse Universe

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



58.4276, 58.4875, 65.9704



86.3685, 85.5045, 97.1661



61.2468, 65.6328, 62.2646



12.6797, 12.5234, 14.2537



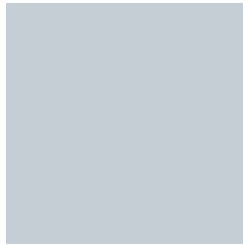
18.4200, 9.3043, 9.5158



1.1528, 0.5779, 0.7940

Previews

White Background



This preview shows how the XYZ color 56.8675, 60.3371, 71.5998 looks on a white background.

Color Contrast Check

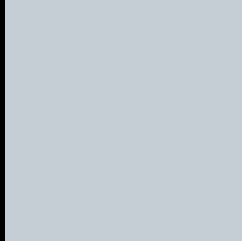
Large Text (above 18pt) WCAG AA × Fail

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 56.8675, 60.3371, 71.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

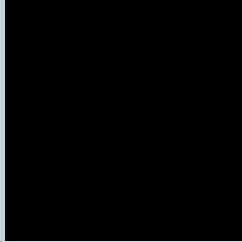
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

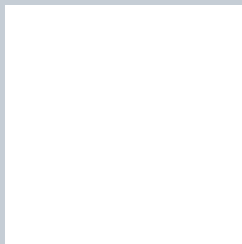
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8675, 60.3371, 71.5998

Background



This preview shows how black text looks on a background with the XYZ color 56.8675, 60.3371, 71.5998.

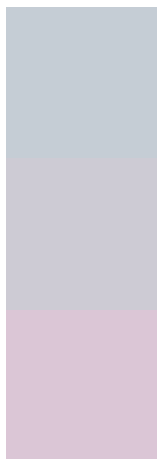


This preview shows how white text looks on a background with the XYZ color 56.8675, 60.3371,

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

56.8675, 60.3371, 71.5998

Protanopia

58.4164, 60.4445, 70.8754

Deuteranopia

61.5451, 60.3033, 72.0142



Tritanopia

57.7998, 60.3588, 76.3142

Trichromacy



Original Color

56.8675, 60.3371, 71.5998

Protanomaly

57.8337, 60.4958, 70.9160

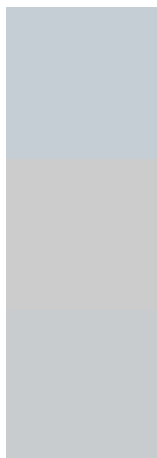
Deuteranomaly

59.8882, 60.4772, 72.1351

Tritanomaly

57.4060, 60.2013, 74.2400

Monochromacy



Original Color

56.8675, 60.3371, 71.5998

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9427, 60.1082, 67.6323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8675, 60.3371, 71.5998 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(197, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 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(197, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.8675, 60.3371, 71.5998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

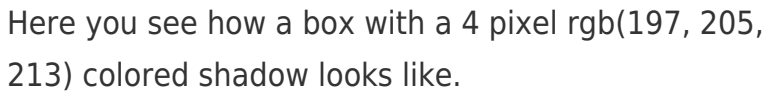
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 205, 213) }
```


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

```
.border{ border-color:rgb(197, 205, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 205, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 205, 213); box-shadow:4px 4px 4px 4px rgb(197, 205, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8675, 60.3371, 71.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 213) }
```

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

```
.background{ background-color: rgb(197,  
205, 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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