

Converting Colors

XYZ(56.3377, 61.2770, 66.1095)

Have a look what the booklet for
XYZ(56.3377, 61.2770, 66.1095)
contains.

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Color

**XYZ(56.2199, 61.2071,
65.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D0CC
RGB	196, 208, 204
RGB Percent	77%, 82%, 80%
CMY	0.2314, 0.1843, 0.2000
CMYK	0.06, 0.00, 0.02, 0.18
HSL	160°, 11%, 79%
HSV	160°, 6%, 82%
XYZ	56.2199, 61.2071, 65.9778
YIQ	203.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

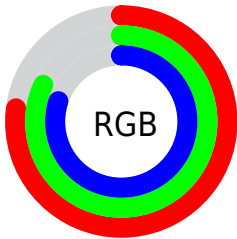
Format	Color
R_{YB}	196, 203, 208
Decimal	12898508
CIE Lab	82.49, -4.81, 0.57
CIE LCh	82, 4.845, 173.269
Yxy	61.2071, 0.3065, 0.3337
Android (android.graphics.Color)	4291088588 (0xFFC4D0CC)
YUV	203.9560, 0.0217, -6.9774
Hunter-Lab	78.2350, -8.6405, 4.7635

Details

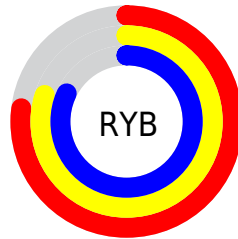
The XYZ color **56.2199, 61.2071, 65.9778** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1799, 57.0615, 62.6994**, and the grayscale version is **57.3707, 60.3584, 65.7303**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.2160, 31.0640, 33.3630** is the 20% darker color. If you saturate the color by 10%, you get **50.3668, 58.2854, 61.4576**, and if you desaturate by 10%, it is **62.8637, 64.5355, 70.7310**.

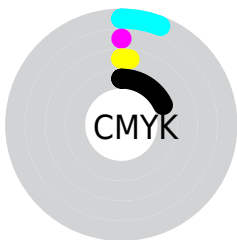
Distribution



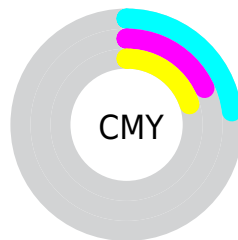
- Red (77%)
- Green (82%)
- Blue (80%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2199, 61.2071, 65.9778 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 56.2199, 61.2071, 65.9778 by changing the saturation by 10% instead.

■ 56.2199, 61.2071,
65.9778

■ 56.2199, 61.2071,
65.9778

400.5813,
429.0329, 464.6995

■ 40.6169, 44.3923,
47.7980

98.4640, 106.5787,
115.0812

■ 28.2062, 30.9791,
33.3081

125.8358,
135.9044, 146.8418

■ 18.6224, 20.5829,
22.0895

157.8613,
170.1691, 183.9665

■ 11.5002, 12.8195,
13.7238

194.9058,
209.7574, 226.8738

■ 6.4741, 7.3043,
7.7922

237.3347,
255.0535, 275.9822

■ 3.1788, 3.6532,
3.8764

285.5134,

■ 1.2490, 1.4815,

306.4418, 331.7103

1.5578

339.8071,
364.3069, 394.4765

■ 0.1445, 0.2757,
0.2604

■ 0.0000, 0.0000,
0.0000

■ 56.2199, 61.2071,
65.9778

■ 56.2199, 61.2071,
65.9778

■ 50.3668, 58.2854,
61.4576

■ 62.8637, 64.5355,
70.7310

■ 45.2680, 55.7467,
57.1624

■ 70.3222, 68.2779,
75.7171

■ 40.8920, 53.5764,
53.0895

■ 77.3621, 71.8001,
80.8819

■ 37.2028, 51.7561,
49.2347

■ 78.3270, 72.1860,
85.9630

■ 34.1617, 50.2657,
45.5934

■ 79.3308, 72.5876,
91.2490

■ 31.7254, 49.0833,
42.1610

■ 80.3740, 73.0048,
96.7421

■ 29.8457, 48.1837,
38.9324

■ 81.4569, 73.4380,
102.4446

■ 28.4661, 47.5382,
35.9021

■ 81.8470, 73.5940,
104.4990

■ 27.5172, 47.1108,
33.0640

Harmonies

Analogous

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



56.5938, 61.2071, 63.2907



56.2199, 61.2071, 65.9778



56.3650, 61.2071, 68.9230

Triad

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



56.2199, 61.2071, 65.9778



58.9659, 61.2071, 72.0227



59.3748, 61.2071, 62.1764

Complementary

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



56.2199, 61.2071, 65.9778



56.1799, 57.0615, 62.6994

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.



60.0244, 61.2071, 64.4161



56.2199, 61.2071, 65.9778



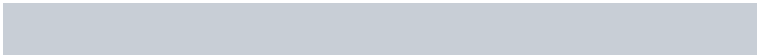
59.7864, 61.2071, 70.1140

Square

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



56.2199, 61.2071, 65.9778



57.9424, 61.2071, 72.4708



60.1760, 61.2071, 67.3149



58.4093, 61.2071, 61.1384

Rectangle

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



56.2199, 61.2071, 65.9778



56.7373, 61.2071, 70.6307



60.1760, 61.2071, 67.3149



59.6378, 61.2071, 62.8104

Sweetspot

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



56.2216, 61.2097, 65.9791



92.9258, 98.9365, 107.3774



56.3946, 61.4069, 61.1059



19.9122, 21.1876, 22.9993



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.



56.2216, 61.2097, 65.9791



87.8414, 96.3928, 103.6368



56.2716, 60.5313, 68.3954



12.2357, 13.4632, 14.4620



16.9922, 29.2898, 20.1369



0.9861, 1.6521, 1.3156

Inverse Universe

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



56.1799, 57.0615, 62.6994



87.7609, 88.3926, 97.3117



56.1266, 57.6939, 60.4033



12.2238, 12.2762, 13.5235



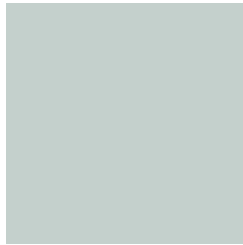
16.9294, 8.6446, 4.5343



0.9831, 0.4980, 0.4459

Previews

White Background



This preview shows how the XYZ color 56.2199, 61.2071, 65.9778 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 56.2199, 61.2071, 65.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

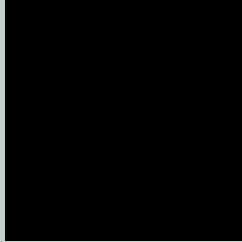
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

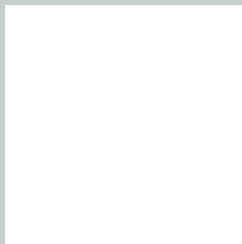
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2199, 61.2071, 65.9778

Background



This preview shows how black text looks on a background with the XYZ color 56.2199, 61.2071, 65.9778.



This preview shows how white text looks on a background with the XYZ color 56.2199, 61.2071, 65.9778.

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

56.2199, 61.2071, 65.9778

Protanopia

58.5480, 61.0053, 64.5665

Deuteranopia

62.3045, 61.1504, 66.9119



Tritanopia

58.5693, 61.0787, 77.8097

Trichromacy



Original Color

56.2199, 61.2071, 65.9778

Protanomaly

57.5127, 60.8118, 65.2065

Deuteranomaly

59.8715, 60.9450, 66.3656

Tritanomaly

57.6258, 61.0547, 73.0375

Monochromacy



Original Color

56.2199, 61.2071, 65.9778

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8178, 60.4398, 65.7982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2199, 61.2071, 65.9778 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.2199, 61.2071, 65.9778 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, 204) }
```


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

```
.border{ border-color:rgb(196, 208, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 208, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 208, 204); box-shadow:4px 4px 4px 4px rgb(196, 208, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2199, 61.2071, 65.9778 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, 204) }
```

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

```
.background{ background-color: rgb(196,  
208, 204) }
```

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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