

Converting Colors

XYZ(56.4085, 61.5013, 63.7481)

Have a look what the booklet for
XYZ(56.4085, 61.5013, 63.7481)
contains.

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Color

**XYZ(56.2699, 61.2876,
63.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0C8
RGB	198, 208, 200
RGB Percent	78%, 82%, 78%
CMY	0.2235, 0.1843, 0.2157
CMYK	0.05, 0.00, 0.04, 0.18
HSL	132°, 10%, 80%
HSV	132°, 5%, 82%
XYZ	56.2699, 61.2876, 63.5075
YIQ	204.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

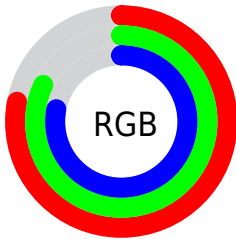
Format	Color
R _Y B	198, 206, 208
Decimal	13029576
CIE Lab	82.53, -4.87, 2.78
CIE LCh	83, 5.611, 150.283
Yxy	61.2876, 0.3108, 0.3385
Android (android.graphics.Color)	4291219656 (0xFFC6D0C8)
YUV	204.0980, -2.0203, -5.3479
Hunter-Lab	78.2864, -8.7008, 6.7032

Details

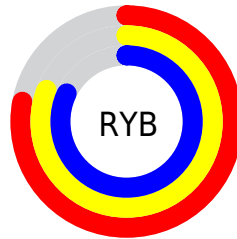
The XYZ color **56.2699, 61.2876, 63.5075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3493, 58.2559, 66.6174**, and the grayscale version is **57.4718, 60.4648, 65.8462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2455, 31.1158, 31.7114** is the 20% darker color. If you saturate the color by 10%, you get **49.3191, 57.9187, 53.5763**, and if you desaturate by 10%, it is **64.1889, 65.1346, 74.5917**.

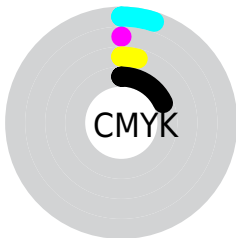
Distribution



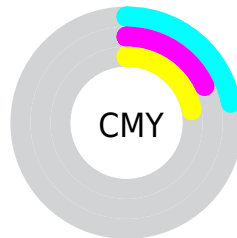
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2699, 61.2876, 63.5075 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 56.2699, 61.2876, 63.5075 by changing the saturation by 10% instead.

■ 56.2699, 61.2876,
63.5075

■ 56.2699, 61.2876,
63.5075

400.7664,
429.3277, 455.5675

■ 40.6572, 44.4573,
45.8083

98.5366, 106.6952,
111.4940

■ 28.2378, 31.0302,
31.7470

125.9213,
136.0414, 142.6183

■ 18.6464, 20.6218,
20.9051

157.9608,
170.3283, 179.0548

■ 11.5175, 12.8479,
12.8641

195.0203,
209.9403, 221.2218

■ 6.4859, 7.3239,
7.2054

237.4653,
255.2619, 269.5381

■ 3.1862, 3.6655,
3.5105

285.6611,

■ 1.2530, 1.4882,

306.6774, 324.4221

1.3608

339.9730,
364.5712, 386.2924

■ 0.1476, 0.2804,
0.1109

■ 0.0000, 0.0000,
0.0000

■ 56.2699, 61.2876,
63.5075

■ 56.2699, 61.2876,
63.5075

■ 49.3191, 57.9187,
53.5763

■ 64.1889, 65.1346,
74.5917

■ 43.2940, 55.0016,
44.7572

■ 73.1061, 69.4693,
86.8602

■ 38.1567, 52.5193,
37.0125

■ 81.0409, 73.2716,
100.2538

■ 33.8646, 50.4508,
30.3011

■ 81.8470, 73.5941,
104.4990

■ 30.3717, 48.7732,
24.5792

■ 27.6273, 47.4613,
19.7997

■ 25.5748, 46.4872,
15.9120

■ 24.1494, 45.8184,
12.8604

■ 23.2730, 45.4161,
10.5828

Harmonies

Analogous

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



57.0956, 61.2876, 61.1834



56.2699, 61.2876, 63.5075



55.9737, 61.2876, 66.7644

Triad

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



56.2699, 61.2876, 63.5075



58.2634, 61.2876, 73.5643



60.2685, 61.2876, 63.4529

Complementary

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



56.2699, 61.2876, 63.5075



57.3493, 58.2559, 66.6174

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.



60.5913, 61.2876, 66.6992



56.2699, 61.2876, 63.5075



59.4240, 61.2876, 72.6058

Square

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



56.2699, 61.2876, 63.5075



57.1150, 61.2876, 72.6404



60.2802, 61.2876, 70.0634



59.4040, 61.2876, 61.1526

Rectangle

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



56.2699, 61.2876, 63.5075



56.1132, 61.2876, 69.0501



60.2802, 61.2876, 70.0634



60.4445, 61.2876, 64.4659

Sweetspot

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



56.2716, 61.2902, 63.5088



93.7913, 99.3889, 107.1356



58.2513, 62.3376, 62.3892



20.0885, 21.2797, 22.9500



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.



56.2716, 61.2902, 63.5088



87.7347, 96.4493, 98.5958



56.8459, 61.5199, 66.5330



12.1979, 13.4609, 13.6833



14.3418, 28.2296, 6.1799



0.8307, 1.5900, 0.4974

Inverse Universe

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



57.3493, 58.2559, 66.6174



89.8732, 90.4282, 104.7640



56.7707, 58.0244, 63.5704



12.5216, 12.5493, 14.6171



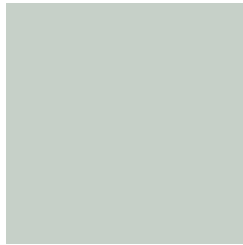
20.5611, 10.0973, 23.6584



1.1760, 0.5751, 1.4618

Previews

White Background



This preview shows how the XYZ color 56.2699, 61.2876, 63.5075 looks on a white background.

Color Contrast Check

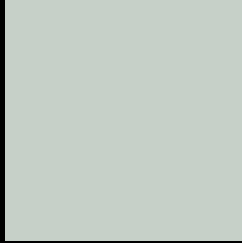
Large Text (above 18pt) WCAG AA × Fail

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 56.2699, 61.2876, 63.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

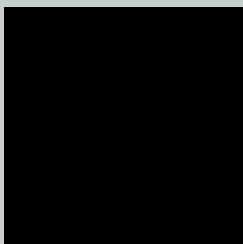
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

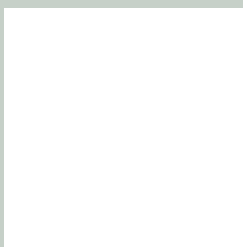
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2699, 61.2876, 63.5075

Background



This preview shows how black text looks on a background with the XYZ color 56.2699, 61.2876, 63.5075.

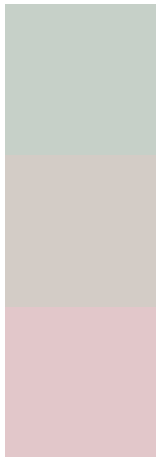


This preview shows how white text looks on a background with the XYZ color 56.2699, 61.2876,

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

56.2699, 61.2876, 63.5075

Protanopia

58.6499, 61.1118, 62.1307

Deuteranopia

62.4481, 61.2799, 64.4139



Tritanopia

58.9699, 61.3006, 77.1308

Trichromacy



Original Color

56.2699, 61.2876, 63.5075

Protanomaly

57.5937, 60.9080, 62.7537

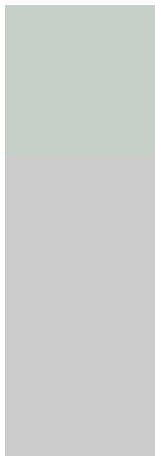
Deuteranomaly

59.9820, 61.0570, 63.8821

Tritanomaly

57.9010, 61.2261, 71.7169

Monochromacy



Original Color

56.2699, 61.2876, 63.5075

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9679, 60.5310, 65.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2699, 61.2876, 63.5075 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(198, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 200)  
}
```

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(198, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.2699, 61.2876, 63.5075 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(198, 208, 200) }
```


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

```
.border{ border-color:rgb(198, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2699, 61.2876, 63.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 200) }
```

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

```
.background{ background-color: rgb(198,  
208, 200) }
```

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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