

Converting Colors

XYZ(56.8508, 60.4013, 65.0589)

Have a look what the booklet for
XYZ(56.8508, 60.4013, 65.0589)
contains.

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Color

**XYZ(56.9679, 60.5310,
65.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDCB
RGB	202, 205, 203
RGB Percent	79%, 80%, 80%
CMY	0.2078, 0.1961, 0.2039
CMYK	0.01, 0.00, 0.01, 0.20
HSL	140°, 3%, 80%
HSV	140°, 1%, 80%
XYZ	56.9679, 60.5310, 65.1810
YIQ	203.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

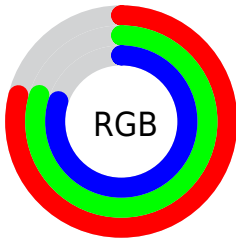
Format	Color
R _Y B	202, 204, 205
Decimal	13290955
CIE Lab	82.13, -1.39, 0.62
CIE LCh	82, 1.523, 155.798
Yxy	60.5310, 0.3118, 0.3314
Android (android.graphics.Color)	4291481035 (0xFFCACDCB)
YUV	203.8750, -0.4314, -1.6444
Hunter-Lab	77.8017, -5.4517, 4.7890

Details

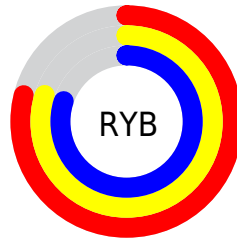
The XYZ color **56.9679, 60.5310, 65.1810** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1987, 59.5813, 65.6154**, and the grayscale version is **57.3202, 60.3053, 65.6725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7042, 30.5990, 32.8271** is the 20% darker color. If you saturate the color by 10%, you get **50.2271, 57.2378, 56.7313**, and if you desaturate by 10%, it is **64.5928, 64.2668, 74.4249**.

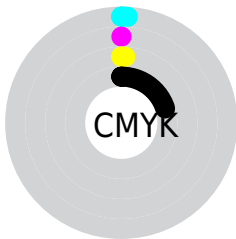
Distribution



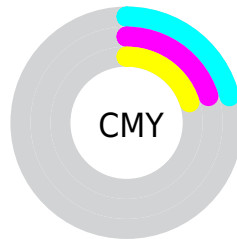
- Red (79%)
- Green (80%)
- Blue (80%)



- Red (79%)
- Yellow (80%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9679, 60.5310, 65.1810 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 56.9679, 60.5310, 65.1810 by changing the saturation by 10% instead.

■ 56.9679, 60.5310,
65.1810

■ 56.9679, 60.5310,
65.1810

403.3451,
426.5523, 461.7661

■ 41.2195, 43.8468,
47.1556

99.5500, 105.5996,
113.9258

■ 28.6791, 30.5501,
32.8034

127.1144,
134.7527, 145.4823

■ 18.9812, 20.2565,
21.7060

159.3481,
168.8309, 182.3862

■ 11.7606, 12.5816,
13.4448

196.6167,
208.2186, 225.0561

■ 6.6519, 7.1411,
7.6012

239.2853,
253.3002, 273.9105

■ 3.2898, 3.5505,
3.7568

287.7193,

■ 1.3088, 1.4254,

304.4601, 329.3679

1.4929

342.2841,
362.0827, 391.8469

■ 0.1898, 0.2354,
0.2126

■ 0.0000, 0.0000,
0.0000

■ 56.9679, 60.5310,
65.1810

■ 56.9679, 60.5310,
65.1810

■ 50.2271, 57.2378,
56.7313

■ 64.5928, 64.2668,
74.4249

■ 44.3327, 54.3630,
49.0511

■ 73.1275, 68.4529,
84.4792

■ 39.2518, 51.8919,
42.1199

■ 79.4053, 71.4581,
95.2147

■ 34.9476, 49.8058,
35.9152

■ 81.1225, 72.1450,
104.2575

■ 31.3800, 48.0847,
30.4129

■ 28.5053, 46.7066,
25.5880

■ 26.2752, 45.6470,
21.4138

■ 24.6346, 44.8782,
17.8617

■ 23.5182, 44.3670,
14.9008

Harmonies

Analogous

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



57.1701, 60.5310, 64.4749



56.9679, 60.5310, 65.1810



56.9168, 60.5310, 66.0880

Triad

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



56.9679, 60.5310, 65.1810



57.5957, 60.5310, 67.6946



58.0384, 60.5310, 64.8723

Complementary

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



56.9679, 60.5310, 65.1810



57.1987, 59.5813, 65.6154

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.



58.1534, 60.5310, 65.7283



56.9679, 60.5310, 65.1810



57.8972, 60.5310, 67.3622

Square

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



56.9679, 60.5310, 65.1810



57.2785, 60.5310, 67.5448



58.1016, 60.5310, 66.6403



57.7881, 60.5310, 64.2978

Rectangle

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



56.9679, 60.5310, 65.1810



56.9752, 60.5310, 66.6856



58.1016, 60.5310, 66.6403



58.0943, 60.5310, 65.1364

Sweetspot

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



56.9696, 60.5336, 65.1823

95.0500, 100.0000, 108.9000



57.4099, 60.7743, 64.5827



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.9696, 60.5336, 65.1823



92.6556, 98.8283, 105.9543



57.1436, 60.6032, 66.0986



12.3338, 13.1423, 14.1061



14.2850, 27.4593, 8.1859



0.7721, 1.4307, 0.6074

Inverse Universe

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



57.1987, 59.5813, 65.6154



93.1723, 96.6802, 106.9312



57.0252, 59.5119, 64.7017



12.3975, 12.8773, 14.2266



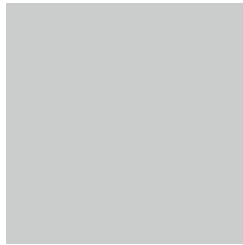
18.5185, 9.2180, 15.7148



0.9896, 0.4893, 0.9913

Previews

White Background



This preview shows how the XYZ color 56.9679, 60.5310, 65.1810 looks on a white background.

Color Contrast Check

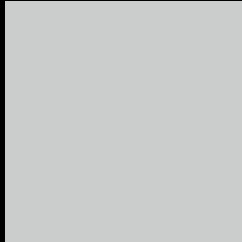
Large Text (above 18pt) WCAG AA × Fail

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 56.9679, 60.5310, 65.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

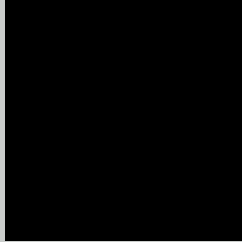
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

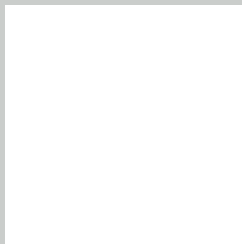
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9679, 60.5310, 65.1810

Background



This preview shows how black text looks on a background with the XYZ color 56.9679, 60.5310, 65.1810.



This preview shows how white text looks on a background with the XYZ color 56.9679, 60.5310,

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

56.9679, 60.5310, 65.1810

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.5246, 60.4358, 65.5493



Tritanopia

59.0440, 60.6637, 75.6151

Trichromacy



Original Color

56.9679, 60.5310, 65.1810

Protanomaly

57.7071, 60.5718, 64.5272

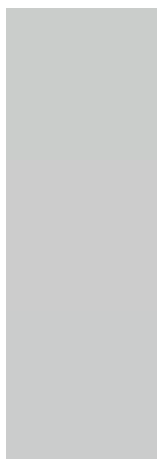
Deuteranomaly

59.8101, 60.5800, 65.6675

Tritanomaly

58.2317, 60.6863, 71.5953

Monochromacy



Original Color

56.9679, 60.5310, 65.1810

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1206, 60.2419, 65.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9679, 60.5310, 65.1810 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(202, 205, 203) looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 203)  
}
```

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(202, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.9679, 60.5310, 65.1810 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(202, 205, 203) }
```

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

```
.border{ border-color:rgb(202, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 56.9679, 60.5310, 65.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 203) }
```

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

```
.background{ background-color: rgb(202,  
205, 203) }
```

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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