

Converting Colors

XYZ(53.9556, 58.0908, 61.4578)

Have a look what the booklet for
XYZ(53.9556, 58.0908, 61.4578)
contains.

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Color

**XYZ(53.9635, 58.0080,
61.1758)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CAC5
RGB	196, 202, 197
RGB Percent	77%, 79%, 77%
CMY	0.2314, 0.2078, 0.2274
CMYK	0.03, 0.00, 0.02, 0.21
HSL	130°, 5%, 78%
HSV	130°, 3%, 79%
XYZ	53.9635, 58.0080, 61.1758
YIQ	199.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

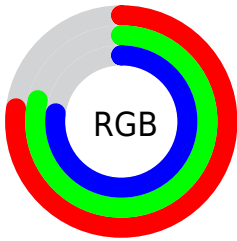
Format	Color
R_{YB}	196, 201, 202
Decimal	12896965
CIE Lab	80.74, -2.97, 1.77
CIE LCh	81, 3.459, 149.299
Yxy	58.0080, 0.3117, 0.3350
Android (android.graphics.Color)	4291087045 (0xFFC4CAC5)
YUV	199.6360, -1.2995, -3.1888
Hunter-Lab	76.1630, -6.8132, 5.6910

Details

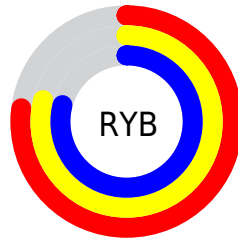
The XYZ color **53.9635, 58.0080, 61.1758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6418, 56.2549, 63.2395**, and the grayscale version is **54.6858, 57.5338, 62.6543**.

A 20% lighter version of the original color is **94.1574, 99.5584, 108.0200**, and **26.7032, 28.9138, 30.1601** is the 20% darker color. If you saturate the color by 10%, you get **47.2363, 54.7522, 51.3475**, and if you desaturate by 10%, it is **61.6169, 61.7196, 72.1745**.

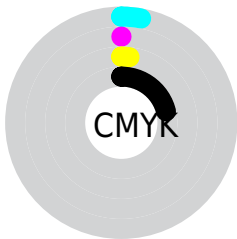
Distribution



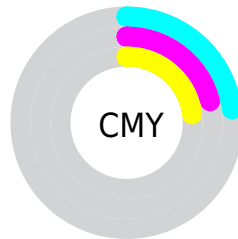
- Red (77%)
- Green (79%)
- Blue (77%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9635, 58.0080, 61.1758 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 53.9635, 58.0080, 61.1758 by changing the saturation by 10% instead.

■ 53.9635, 58.0080,
61.1758

■ 53.9635, 58.0080,
61.1758

392.1714,
417.2157, 446.8427

■ 38.8030, 41.8151,
43.9356

95.1779, 101.9345,
108.0934

■ 26.7866, 28.9565,
30.2830

121.9625,
130.4369, 138.6080

■ 17.5488, 19.0479,
19.7997

153.3525,
163.8112, 174.3843

■ 10.7242, 11.7049,
12.0669

189.7133,
202.4419, 215.8411

■ 5.9476, 6.5431,
6.6661

231.4102,
246.7133, 263.3967

■ 2.8536, 3.1780,
3.1789

278.8087,

■ 1.0768, 1.2254,

297.0098, 317.4699

1.1867

332.2740,
353.7158, 378.4790

■ 0.0056, 0.0823,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9635, 58.0080,
61.1758

■ 53.9635, 58.0080,
61.1758

■ 47.2363, 54.7522,
51.3475

■ 61.6169, 61.7196,
72.1745

■ 41.3953, 51.9276,
42.6473

■ 70.2249, 65.8961,
84.3765

■ 36.4048, 49.5182,
35.0361

■ 79.2285, 70.2500,
97.7902

■ 32.2246, 47.5042,
28.4707

■ 80.4116, 70.7233,
104.0205

■ 28.8117, 45.8644,
22.9055

■ 26.1184, 44.5754,
18.2913

■ 24.0922, 43.6110,
14.5748

■ 22.6728, 42.9415,
11.6972

■ 21.7889, 42.5314,
9.5928

Harmonies

Analogous

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



54.4661, 58.0080, 59.7956



53.9635, 58.0080, 61.1758



53.7743, 58.0080, 63.1128

Triad

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



53.9635, 58.0080, 61.1758



55.1181, 58.0080, 67.1721



56.3401, 58.0080, 61.2573

Complementary

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



53.9635, 58.0080, 61.1758



54.6418, 56.2549, 63.2395

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.



56.5182, 58.0080, 63.2089



53.9635, 58.0080, 61.1758



55.8090, 58.0080, 66.6500

Square

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



53.9635, 58.0080, 61.1758



54.4373, 58.0080, 66.6002



56.3231, 58.0080, 65.1884



55.8383, 58.0080, 59.8420

Rectangle

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



53.9635, 58.0080, 61.1758



53.8500, 58.0080, 64.4685



56.3231, 58.0080, 65.1884



56.4400, 58.0080, 61.8710

Sweetspot

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



53.9651, 58.0105, 61.1771



93.7777, 99.3834, 107.0643



55.2010, 58.6608, 60.6386



20.0857, 21.2786, 22.9355



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.



53.9651, 58.0105, 61.1771



90.0578, 97.5810, 101.6796



54.3010, 58.1448, 62.9456



11.8633, 12.9158, 13.3611



13.7958, 27.2636, 5.6098



0.7360, 1.4162, 0.4176

Inverse Universe

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



54.6418, 56.2549, 63.2395



91.6095, 93.5549, 106.4094



54.3035, 56.1196, 61.4582



12.1013, 12.2982, 14.0866



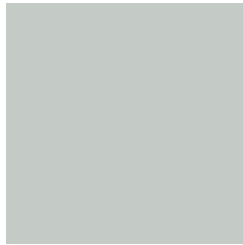
20.2709, 9.9189, 24.9429



1.0676, 0.5205, 1.4020

Previews

White Background



This preview shows how the XYZ color 53.9635, 58.0080, 61.1758 looks on a white background.

Color Contrast Check

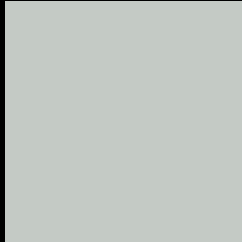
Large Text (above 18pt) WCAG AA × Fail

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 53.9635, 58.0080, 61.1758 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

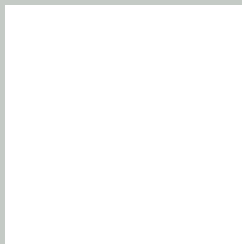
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9635, 58.0080, 61.1758

Background



This preview shows how black text looks on a background with the XYZ color 53.9635, 58.0080, 61.1758.



This preview shows how white text looks on a background with the XYZ color 53.9635, 58.0080,

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

53.9635, 58.0080, 61.1758

Protanopia

55.5641, 57.8115, 60.4547

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

56.2424, 57.8953, 72.5006

Trichromacy



Original Color

53.9635, 58.0080, 61.1758

Protanomaly

54.9752, 57.8506, 60.4933

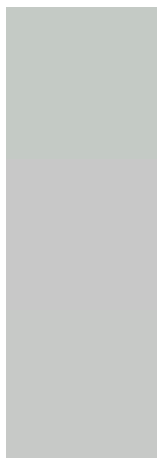
Deuteranomaly

57.0233, 57.8586, 61.5885

Tritanomaly

55.3281, 57.8684, 67.9281

Monochromacy



Original Color

53.9635, 58.0080, 61.1758

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7486, 58.0389, 62.3499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9635, 58.0080, 61.1758 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, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 197)  
}
```

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, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.9635, 58.0080, 61.1758 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, 202, 197) }
```


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

```
.border{ border-color:rgb(196, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9635, 58.0080, 61.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 197) }
```

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

```
.background{ background-color: rgb(196,  
202, 197) }
```

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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