

Converting Colors

XYZ(55.9779, 59.1074, 61.1496)

Have a look what the booklet for
XYZ(55.9779, 59.1074, 61.1496)
contains.

XYZ(56.1004, 59.1096, 61.2758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.1004, 59.1096,
61.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAC5
RGB	204, 202, 197
RGB Percent	80%, 79%, 77%
CMY	0.2000, 0.2078, 0.2274
CMYK	0.00, 0.01, 0.03, 0.20
HSL	43°, 6%, 79%
HSV	43°, 3%, 80%
XYZ	56.1004, 59.1096, 61.2758
YIQ	202.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

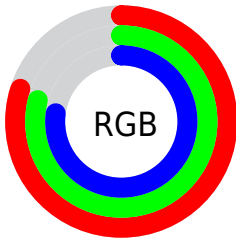
Format	Color
R _Y B	200, 204, 197
Decimal	13421253
CIE Lab	81.35, -0.20, 2.73
CIE LCh	81, 2.733, 94.260
Yxy	59.1096, 0.3179, 0.3349
Android (android.graphics.Color)	4291611333 (0xFFCCCAC5)
YUV	202.0280, -2.4788, 1.7294
Hunter-Lab	76.8828, -4.2956, 6.5636

Details

The XYZ color **56.1004, 59.1096, 61.2758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3485, 57.0761, 65.2798**, and the grayscale version is **56.1716, 59.0969, 64.3565**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **28.1255, 29.6470, 30.2267** is the 20% darker color. If you saturate the color by 10%, you get **52.5803, 55.5600, 49.3398**, and if you desaturate by 10%, it is **59.9917, 62.8938, 74.8976**.

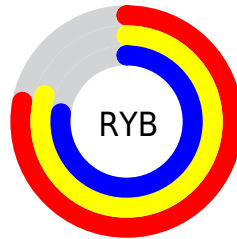
Distribution



Red (80%)

Green (79%)

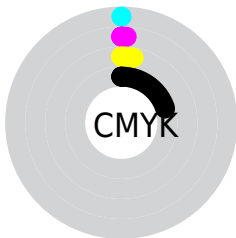
Blue (77%)



Red (78%)

Yellow (80%)

Blue (77%)

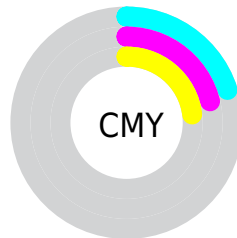


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1004, 59.1096, 61.2758 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 56.1004, 59.1096, 61.2758 by changing the saturation by 10% instead.

■ 56.1004, 59.1096,
61.2758

■ 56.1004, 59.1096,
61.2758

400.1386,
421.3080, 447.2190

■ 40.5207, 42.7014,
44.0158

98.2903, 103.5369,
108.2396

■ 28.1308, 29.6509,
30.3456

125.6313,
132.3248, 138.7804

■ 18.5652, 19.5737,
19.8468

157.6234,
166.0080, 174.5853

■ 11.4587, 12.0856,
12.1008

194.6320,
204.9710, 216.0728

■ 6.4458, 6.8020,
6.6890

237.0225,
249.5981, 263.6613

■ 3.1612, 3.3386,
3.1929

285.1602,

■ 1.2396, 1.3109,

300.2736, 317.7695

1.1939

339.4105,
357.3821, 378.8159

■ 0.1373, 0.1497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1004, 59.1096,
61.2758

■ 56.1004, 59.1096,
61.2758

■ 52.5803, 55.5600,
49.3398

■ 59.9917, 62.8938,
74.8976

■ 49.4133, 52.2313,
39.0192

■ 64.2616, 66.9108,
90.2644

■ 46.5869, 49.1193,
30.2441

■ 68.4038, 70.9608,
104.6993

■ 44.0862, 46.2173,
22.9381

■ 69.9526, 74.0585,
105.2156

■ 41.8947, 43.5176,
17.0183

■ 71.5551, 77.2634,
105.7497

■ 39.9947, 41.0123,
12.3934

■ 73.2117, 80.5766,
106.3019

■ 38.3660, 38.6923,
8.9610

■ 74.9230, 83.9991,
106.8723

■ 36.9858, 36.5474,
6.6033

■ 76.6894, 87.5319,
107.4611

■ 35.8264, 34.5656,
5.1780

■ 78.5115, 91.1761,
108.0685

Harmonies

Analogous

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



56.6600, 59.1096, 61.5698



56.1004, 59.1096, 61.2758



55.5662, 59.1096, 61.7968

Triad

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



56.1004, 59.1096, 61.2758



55.2795, 59.1096, 66.1464



57.1765, 59.1096, 65.7353

Complementary

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



56.1004, 59.1096, 61.2758



54.3485, 57.0761, 65.2798

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.



56.8021, 59.1096, 66.9938



56.1004, 59.1096, 61.2758



55.7065, 59.1096, 67.2339

Square

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



56.1004, 59.1096, 61.2758



55.0943, 59.1096, 64.5941



56.2635, 59.1096, 67.5466



57.2837, 59.1096, 64.1271

Rectangle

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



56.1004, 59.1096, 61.2758



55.2956, 59.1096, 62.5414



56.2635, 59.1096, 67.5466



57.0776, 59.1096, 66.2142

Sweetspot

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



56.1021, 59.1122, 61.2771



94.4105, 99.3737, 106.6749



55.1893, 56.8989, 62.1684



20.2145, 21.2767, 22.8563



0.0000, 0.0000, 0.0000



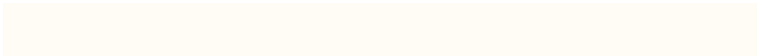
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1021, 59.1122, 61.2771



92.5298, 97.5182, 100.1723



56.1915, 59.8582, 61.4164



12.2422, 12.9053, 13.1306



22.2082, 21.1494, 2.9117



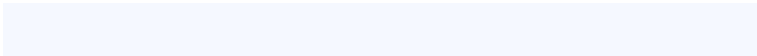
1.2084, 1.2164, 0.1711

Inverse Universe

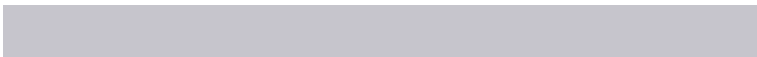
The Inverse Universe completely reimagines the original color for something new.



54.3485, 57.0761, 65.2798



89.1145, 93.5526, 107.9684



54.2605, 56.3532, 65.1450



11.7183, 12.2971, 14.3263



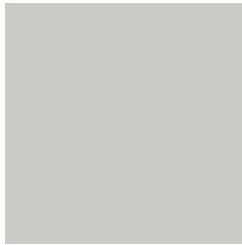
7.8875, 4.7990, 36.4669



0.4725, 0.3788, 1.9032

Previews

White Background



This preview shows how the XYZ color 56.1004, 59.1096, 61.2758 looks on a white background.

Color Contrast Check

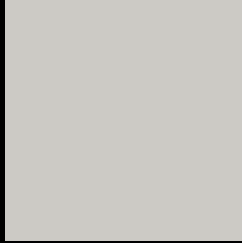
Large Text (above 18pt) WCAG AA × Fail

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 56.1004, 59.1096, 61.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

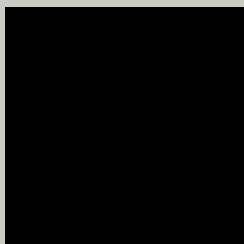
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

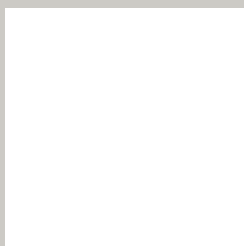
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1004, 59.1096, 61.2758

Background



This preview shows how black text looks on a background with the XYZ color 56.1004, 59.1096, 61.2758.



This preview shows how white text looks on a background with the XYZ color 56.1004, 59.1096,

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

56.1004, 59.1096, 61.2758

Protanopia

56.6968, 59.0699, 61.2367

Deuteranopia

60.1396, 58.7954, 61.6050



Tritanopia

58.4213, 59.0185, 72.6026

Trichromacy



Original Color

56.1004, 59.1096, 61.2758

Protanomaly

56.4183, 58.9263, 61.2237

Deuteranomaly

58.7060, 59.0643, 61.7325

Tritanomaly

57.4930, 58.9844, 68.0294

Monochromacy



Original Color

56.1004, 59.1096, 61.2758

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1745, 59.1077, 63.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1004, 59.1096, 61.2758 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(204, 202, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.1004, 59.1096, 61.2758 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(204, 202, 197) }
```


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

```
.border{ border-color:rgb(204, 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(204, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 202, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 202, 197); box-shadow:4px 4px 4px 4px rgb(204, 202, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1004, 59.1096, 61.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 197) }
```

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

```
.background{ background-color: rgb(204,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor