

Converting Colors

XYZ(52.9055, 56.0507, 57.7853)

Have a look what the booklet for
XYZ(52.9055, 56.0507, 57.7853)
contains.

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Color

**XYZ(52.9972, 56.1997,
57.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6C0
RGB	198, 198, 192
RGB Percent	78%, 78%, 75%
CMY	0.2235, 0.2235, 0.2471
CMYK	0.00, 0.00, 0.03, 0.22
HSL	60°, 5%, 76%
HSV	60°, 3%, 78%
XYZ	52.9972, 56.1997, 57.9235
YIQ	197.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

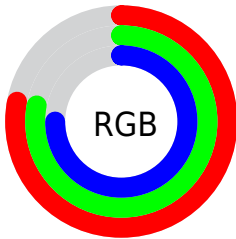
Format	Color
RYB	192, 198, 192
Decimal	13027008
CIELab	79.73, -1.08, 2.99
CIELCh	80, 3.182, 109.871
Yxy	56.1997, 0.3171, 0.3363
Android (android.graphics.Color)	4291217088 (0xFFC6C6C0)
YUV	197.3160, -2.6208, 0.5999
Hunter-Lab	74.9665, -5.0015, 6.6656

Details

The XYZ color **52.9972, 56.1997, 57.9235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7830, 52.9844, 60.9795**, and the grayscale version is **53.2777, 56.0523, 61.0410**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **26.1351, 27.7399, 28.4030** is the 20% darker color. If you saturate the color by 10%, you get **50.9467, 55.3809, 47.1354**, and if you desaturate by 10%, it is **55.3461, 57.1414, 70.2687**.

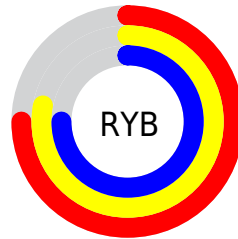
Distribution



Red (78%)

Green (78%)

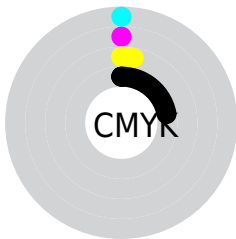
Blue (75%)



Red (75%)

Yellow (78%)

Blue (75%)

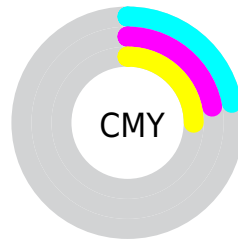


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9972, 56.1997, 57.9235 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 52.9972, 56.1997, 57.9235 by changing the saturation by 10% instead.

■ 52.9972, 56.1997,
57.9235

■ 52.9972, 56.1997,
57.9235

388.5354,
410.4437, 434.4911

■ 38.0280, 40.3631,
41.3329

■ 93.7658, 99.2965,
103.3251

■ 26.1817, 27.8217,
28.2576

120.2959,
127.3254, 132.9732

■ 17.0930, 18.1913,
18.2792

151.4104,
160.1873, 167.8108

■ 10.3966, 11.0874,
10.9791

187.4746,
198.2664, 208.2565

■ 5.7270, 6.1257,
5.9388

228.8538,
241.9472, 254.7289

■ 2.7188, 2.9216,
2.7397

275.9134,

■ 1.0069, 1.0910,

291.6141, 307.6464

0.9633

329.0189,
347.6514, 367.4276

■ 0.0000, 0.0000,
0.0000

■ 52.9972, 56.1997,
57.9235

■ 52.9972, 56.1997,
57.9235

■ 50.9467, 55.3809,
47.1354

■ 55.3461, 57.1414,
70.2687

■ 49.1782, 54.6732,
37.8390

■ 57.9996, 58.2032,
84.2255

■ 47.6807, 54.0738,
29.9699

■ 60.9699, 59.3917,
99.8503

■ 46.4408, 53.5775,
23.4574

■ 61.5470, 59.6229,
102.8722

■ 45.4440, 53.1784,
18.2250

■ 61.5501, 59.6245,
102.8724

■ 44.6743, 52.8701,
14.1883

■ 61.5533, 59.6262,
102.8725

■ 44.1137, 52.6455,
11.2529

■ 61.5565, 59.6278,
102.8727

■ 43.7416, 52.4963,
9.3105

■ 61.5597, 59.6295,
102.8728

■ 43.5334, 52.4127,
8.2305

■ 61.5629, 59.6311,
102.8730

Harmonies

Analogous

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



53.6338, 56.1997, 57.7737



52.9972, 56.1997, 57.9235



52.4768, 56.1997, 58.9391

Triad

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



52.9972, 56.1997, 57.9235



52.6236, 56.1997, 63.9380



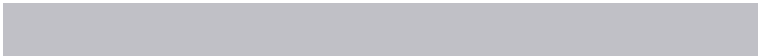
54.6419, 56.1997, 61.8165

Complementary

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



52.9972, 56.1997, 57.9235



50.7830, 52.9844, 60.9795

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.



54.3666, 56.1997, 63.5014



52.9972, 56.1997, 57.9235



53.1991, 56.1997, 64.7424

Square

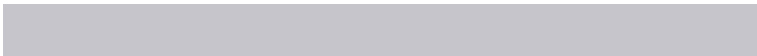
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.9972, 56.1997, 57.9235



52.2624, 56.1997, 62.4028



53.8373, 56.1997, 64.5810



54.5868, 56.1997, 59.9969

Rectangle

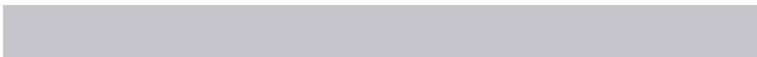
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9972, 56.1997, 57.9235



52.2642, 56.1997, 59.9820



53.8373, 56.1997, 64.5810



54.5848, 56.1997, 62.4180

Sweetspot

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



52.9988, 56.2021, 57.9247



94.6415, 99.8365, 106.7520



51.6545, 53.5121, 57.4763



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



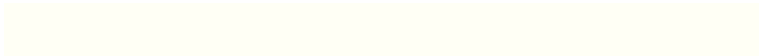
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9988, 56.2021, 57.9247



93.4486, 99.3592, 100.4792



52.2162, 55.7987, 57.8881



11.7410, 12.5038, 12.4970



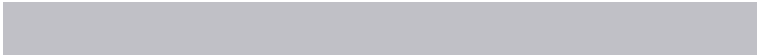
28.2575, 34.0626, 5.0854



1.3382, 1.6130, 0.2408

Inverse Universe

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



50.7830, 52.9844, 60.9795



88.2305, 91.7815, 107.6731



51.5500, 53.3798, 61.0154



10.9845, 11.4052, 13.5400



6.6300, 2.6522, 34.9068



0.3141, 0.1257, 1.6528

Previews

White Background



This preview shows how the XYZ color 52.9972, 56.1997, 57.9235 looks on a white background.

Color Contrast Check

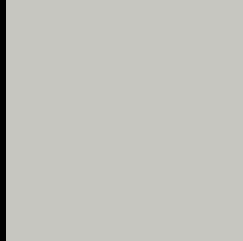
Large Text (above 18pt) WCAG AA × Fail

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 52.9972, 56.1997, 57.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

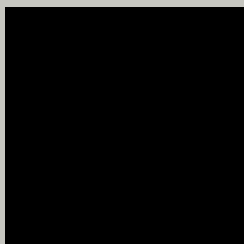
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

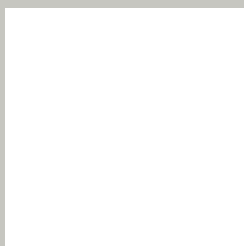
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9972, 56.1997, 57.9235

Background



This preview shows how black text looks on a background with the XYZ color 52.9972, 56.1997, 57.9235.



This preview shows how white text looks on a background with the XYZ color 52.9972, 56.1997,

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

52.9972, 56.1997, 57.9235

Protanopia

53.7273, 56.2506, 57.3159

Deuteranopia

57.1699, 56.0173, 58.2513



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

52.9972, 56.1997, 57.9235

Protanomaly

53.4576, 56.1116, 57.3033

Deuteranomaly

55.7814, 56.2827, 58.3757

Tritanomaly

54.4584, 56.1188, 65.0885

Monochromacy



Original Color

52.9972, 56.1997, 57.9235

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8425, 55.7430, 59.6041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9972, 56.1997, 57.9235 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, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 192)  
}
```

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, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.9972, 56.1997, 57.9235 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, 198, 192) }
```


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

```
.border{ border-color:rgb(198, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9972, 56.1997, 57.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 192) }
```

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

```
.background{ background-color: rgb(198,  
198, 192) }
```

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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