

Converting Colors

XYZ(53.5832, 56.0526, 58.8959)

Have a look what the booklet for
XYZ(53.5832, 56.0526, 58.8959)
contains.

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Color

**XYZ(53.7913, 56.2451,
59.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C2
RGB	201, 197, 194
RGB Percent	79%, 77%, 76%
CMY	0.2118, 0.2274, 0.2392
CMYK	0.00, 0.02, 0.03, 0.21
HSL	26°, 6%, 77%
HSV	26°, 3%, 79%
XYZ	53.7913, 56.2451, 59.0602
YIQ	197.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

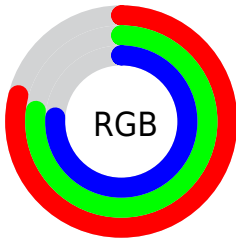
Format	Color
R _Y B	201, 199, 194
Decimal	13223362
CIE Lab	79.75, 0.85, 1.98
CIE LCh	80, 2.159, 66.740
Yxy	56.2451, 0.3181, 0.3326
Android (android.graphics.Color)	4291413442 (0xFFC9C5C2)
YUV	197.8540, -1.9000, 2.7590
Hunter-Lab	74.9967, -3.2154, 5.8066

Details

The XYZ color **53.7913, 56.2451, 59.0602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9848, 56.0738, 63.2899**, and the grayscale version is **53.5990, 56.3903, 61.4090**.

A 20% lighter version of the original color is **93.9371, 99.0457, 104.6092**, and **26.5887, 27.7414, 28.7642** is the 20% darker color. If you saturate the color by 10%, you get **49.1780, 50.3897, 47.1282**, and if you desaturate by 10%, it is **58.9115, 62.6243, 72.6691**.

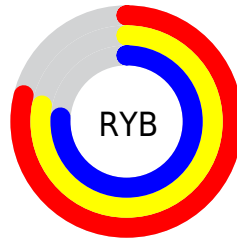
Distribution



Red (79%)

Green (77%)

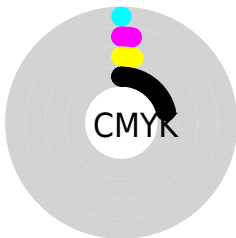
Blue (76%)



Red (79%)

Yellow (78%)

Blue (76%)

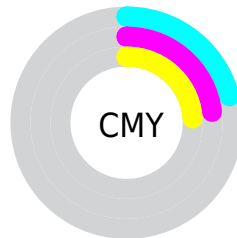


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7913, 56.2451, 59.0602 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 53.7913, 56.2451, 59.0602 by changing the saturation by 10% instead.

■ 53.7913, 56.2451,
59.0602

■ 53.7913, 56.2451,
59.0602

391.5250,
410.6145, 438.8331

■ 38.6648, 40.3995,
42.2413

■ 94.9264, 99.3628,
104.9951

■ 26.6786, 27.8501,
28.9633

121.6658,
127.4038, 134.9482

■ 17.4674, 18.2127,
18.8077

153.0069,
160.2785, 170.1164

■ 10.6656, 11.1028,
11.3560

189.3150,
198.3716, 210.9182

■ 5.9081, 6.1360,
6.1896

230.9555,
242.0673, 257.7723

■ 2.8294, 2.9280,
2.8901

278.2938,

■ 1.0642, 1.0942,

291.7501, 311.0971

1.0388

331.6952,
347.8044, 371.3112

■ 0.0000, 0.0000,
0.0000

■ 53.7913, 56.2451,
59.0602

■ 53.7913, 56.2451,
59.0602

■ 49.1780, 50.3897,
47.1282

■ 58.9115, 62.6243,
72.6691

■ 45.0504, 45.0371,
36.8037

■ 64.5497, 69.5331,
88.0130

■ 41.3924, 40.1755,
28.0181

■ 70.7224, 76.9865,
105.1519

■ 38.1855, 35.7898,
20.6963

■ 74.1605, 83.6833,
106.8516

■ 35.4095, 31.8643,
14.7567

■ 77.7011, 90.7644,
108.0317

■ 33.0427, 28.3820,
10.1099

■ 77.8977, 91.1577,
108.0973

■ 31.0609, 25.3248,
6.6556

■ 29.4371, 22.6727,
4.2784

■ 28.1393, 20.4036,
2.8394

Harmonies

Analogous

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



54.1345, 56.2451, 59.8152



53.7913, 56.2451, 59.0602



53.3609, 56.2451, 58.8859

Triad

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



53.7913, 56.2451, 59.0602



52.6304, 56.2451, 61.5238



53.9627, 56.2451, 63.1872

Complementary

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



53.7913, 56.2451, 59.0602



52.9848, 56.0738, 63.2899

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.



53.5578, 56.2451, 63.6588



53.7913, 56.2451, 59.0602



52.7897, 56.2451, 62.6900

Square

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



53.7913, 56.2451, 59.0602



52.6922, 56.2451, 60.2973



53.1286, 56.2451, 63.4756



54.2338, 56.2451, 62.1952

Rectangle

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



53.7913, 56.2451, 59.0602



53.0827, 56.2451, 59.1204



53.1286, 56.2451, 63.4756



53.8377, 56.2451, 63.4124

Sweetspot

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



53.7929, 56.2475, 59.0614



94.1794, 98.9115, 106.5978



53.5827, 55.0830, 61.2853



20.1675, 21.1826, 22.8406



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.



53.7929, 56.2475, 59.0614



91.6212, 95.7010, 99.8694



54.5767, 57.8152, 59.3227



11.4756, 11.9725, 12.4085



17.3370, 12.1912, 1.4394



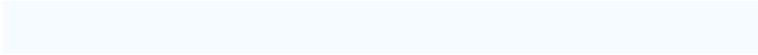
0.8925, 0.7204, 0.0920

Inverse Universe

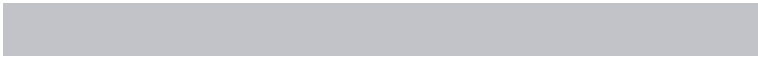
The Inverse Universe completely reimagines the original color for something new.



52.9848, 56.0738, 63.2899



90.0161, 95.3558, 108.2689



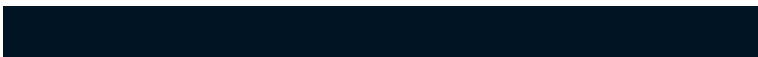
52.2134, 54.5310, 63.0327



11.2429, 11.9225, 13.6262



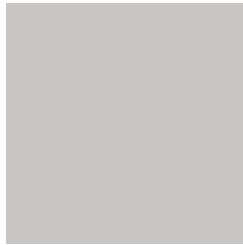
10.5584, 10.5108, 36.2167



0.5708, 0.6394, 1.7385

Previews

White Background



This preview shows how the XYZ color 53.7913, 56.2451, 59.0602 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 53.7913, 56.2451, 59.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

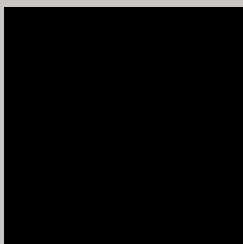
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

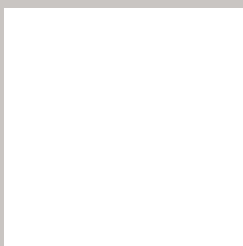
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7913, 56.2451, 59.0602

Background



This preview shows how black text looks on a background with the XYZ color 53.7913, 56.2451, 59.0602.



This preview shows how white text looks on a background with the XYZ color 53.7913, 56.2451,

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

53.7913, 56.2451, 59.0602

Protanopia

54.0610, 56.3841, 59.0728

Deuteranopia

57.3946, 56.1072, 59.4345



Tritanopia

55.7766, 56.3799, 68.9154

Trichromacy



Original Color

53.7913, 56.2451, 59.0602

Protanomaly

54.0610, 56.3841, 59.0728

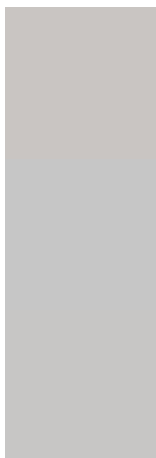
Deuteranomaly

56.0717, 56.0771, 59.4984

Tritanomaly

54.9961, 56.3960, 65.1137

Monochromacy



Original Color

53.7913, 56.2451, 59.0602

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8253, 56.5615, 60.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7913, 56.2451, 59.0602 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(201, 197, 194) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 194)  
}
```

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(201, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.7913, 56.2451, 59.0602 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(201, 197, 194) }
```


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

```
.border{ border-color:rgb(201, 197, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 194);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7913, 56.2451, 59.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 194) }
```

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

```
.background{ background-color: rgb(201,  
197, 194) }
```

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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