

Converting Colors

XYZ(53.3871, 56.6813, 57.7693)

Have a look what the booklet for
XYZ(53.3871, 56.6813, 57.7693)
contains.

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Color

**XYZ(53.4910, 56.7947,
58.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7C0
RGB	199, 199, 192
RGB Percent	78%, 78%, 75%
CMY	0.2196, 0.2196, 0.2471
CMYK	0.00, 0.00, 0.04, 0.22
HSL	60°, 6%, 77%
HSV	60°, 4%, 78%
XYZ	53.4910, 56.7947, 58.0124
YIQ	198.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

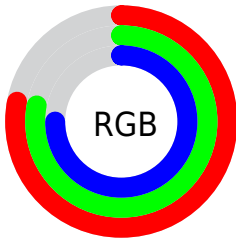
Format	Color
RYB	192, 199, 192
Decimal	13092800
CIELab	80.06, -1.26, 3.49
CIElCh	80, 3.710, 109.827
Yxy	56.7947, 0.3178, 0.3375
Android (android.graphics.Color)	4291282880 (0xFFC7C7C0)
YUV	198.2020, -3.0576, 0.6998
Hunter-Lab	75.3623, -5.1873, 7.1133

Details

The XYZ color **53.4910, 56.7947, 58.0124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8989, 53.0308, 61.5891**, and the grayscale version is **53.8177, 56.6204, 61.6596**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **26.4627, 28.1346, 28.4619** is the 20% darker color. If you saturate the color by 10%, you get **51.4312, 55.9723, 47.1736**, and if you desaturate by 10%, it is **55.8522, 57.7413, 70.4240**.

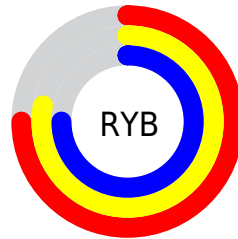
Distribution



Red (78%)

Green (78%)

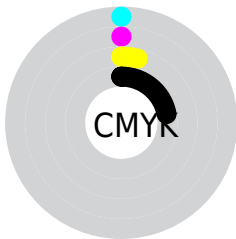
Blue (75%)



Red (75%)

Yellow (78%)

Blue (75%)

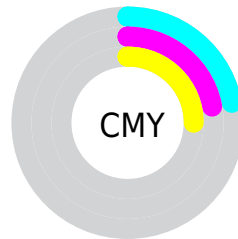


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4910, 56.7947, 58.0124 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 53.4910, 56.7947, 58.0124 by changing the saturation by 10% instead.

■ 53.4910, 56.7947,
58.0124

■ 53.4910, 56.7947,
58.0124

390.3961,
412.6796, 434.8317

■ 38.4239, 40.8404,
41.4039

■ 94.4878, 100.1656,
103.4559

■ 26.4906, 28.1944,
28.3127

121.1482,
128.3510, 133.1279

■ 17.3256, 18.4723,
18.3204

152.4037,
161.3822, 167.9914

■ 10.5637, 11.2896,
11.0085

188.6198,
199.6436, 208.4651

■ 5.8394, 6.2620,
5.9583

230.1617,
243.5197, 254.9674

■ 2.7874, 3.0050,
2.7514

277.3948,

■ 1.0423, 1.1344,

293.3948, 307.9169

0.9691

330.6845,
349.6533, 367.7322

■ 0.0000, 0.0071,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4910, 56.7947,
58.0124

■ 53.4910, 56.7947,
58.0124

■ 51.4312, 55.9723,
47.1736

■ 55.8522, 57.7413,
70.4240

■ 49.6562, 55.2619,
37.8414

■ 58.5212, 58.8092,
84.4638

■ 48.1548, 54.6611,
29.9502

■ 61.5102, 60.0052,
100.1891

■ 46.9135, 54.1642,
23.4283

■ 62.0394, 60.2172,
102.9610

■ 45.9173, 53.7654,
18.1976

■ 62.0423, 60.2187,
102.9611

■ 45.1501, 53.4582,
14.1726

■ 62.0452, 60.2202,
102.9613

■ 44.5936, 53.2353,
11.2570

■ 62.0480, 60.2217,
102.9614

■ 44.2268, 53.0882,
9.3401

■ 62.0509, 60.2231,
102.9615

■ 44.0242, 53.0068,
8.2883

■ 62.0538, 60.2246,
102.9617

Harmonies

Analogous

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



54.2383, 56.7947, 57.8391



53.4910, 56.7947, 58.0124



52.8805, 56.7947, 59.1976

Triad

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



53.4910, 56.7947, 58.0124



53.0510, 56.7947, 65.0697



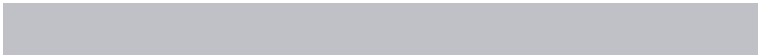
55.4225, 56.7947, 62.5766

Complementary

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



53.4910, 56.7947, 58.0124



50.8989, 53.0308, 61.5891

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.



55.0980, 56.7947, 64.5594



53.4910, 56.7947, 58.0124



53.7258, 56.7947, 66.0208

Square

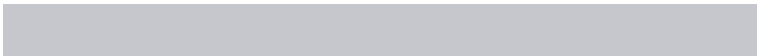
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.4910, 56.7947, 58.0124



52.6282, 56.7947, 63.2600



54.4753, 56.7947, 65.8319



55.3582, 56.7947, 60.4410

Rectangle

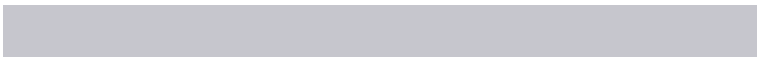
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4910, 56.7947, 58.0124



52.6311, 56.7947, 60.4178



54.4753, 56.7947, 65.8319



55.3551, 56.7947, 63.2839

Sweetspot

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



53.4926, 56.7972, 58.0136



94.6416, 99.8366, 106.7520



51.9190, 53.6485, 57.4888



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.



53.4926, 56.7972, 58.0136



93.4489, 99.3593, 100.4792



52.5750, 56.3241, 57.9707



11.7411, 12.5039, 12.4970



28.2598, 34.0638, 5.0855



1.3383, 1.6130, 0.2408

Inverse Universe

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



50.8989, 53.0308, 61.5891



88.2303, 91.7814, 107.6731



51.7952, 53.4929, 61.6310



10.9845, 11.4052, 13.5400



6.6299, 2.6521, 34.9068



0.3141, 0.1257, 1.6528

Previews

White Background



This preview shows how the XYZ color 53.4910, 56.7947, 58.0124 looks on a white background.

Color Contrast Check

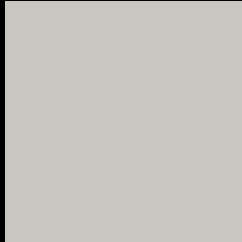
Large Text (above 18pt) WCAG AA × Fail

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 53.4910, 56.7947, 58.0124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

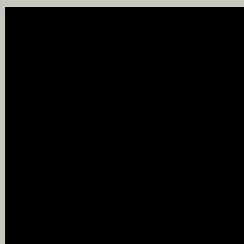
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

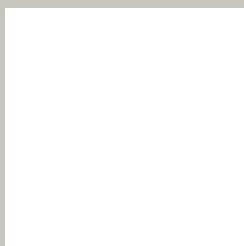
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4910, 56.7947, 58.0124

Background



This preview shows how black text looks on a background with the XYZ color 53.4910, 56.7947, 58.0124.

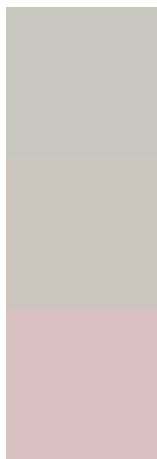


This preview shows how white text looks on a background with the XYZ color 53.4910, 56.7947,

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

53.4910, 56.7947, 58.0124

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

57.6887, 56.6096, 58.3383



Tritanopia

55.9807, 56.7899, 70.2984

Trichromacy



Original Color

53.4910, 56.7947, 58.0124

Protanomaly

53.9552, 56.7063, 57.3919

Deuteranomaly

56.2921, 56.8775, 58.4636

Tritanomaly

55.0731, 56.7578, 65.8103

Monochromacy



Original Color

53.4910, 56.7947, 58.0124

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4466, 56.3795, 60.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4910, 56.7947, 58.0124 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(199, 199, 192) looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 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(199, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.4910, 56.7947, 58.0124 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(199, 199, 192) }
```


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

```
.border{ border-color:rgb(199, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4910, 56.7947, 58.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 192) }
```

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

```
.background{ background-color: rgb(199,  
199, 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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