

Converting Colors

XYZ(52.9595, 55.9960, 58.8616)

Have a look what the booklet for
XYZ(52.9595, 55.9960, 58.8616)
contains.

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Color

**XYZ(53.2204, 56.2890,
59.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6C2
RGB	198, 198, 194
RGB Percent	78%, 78%, 76%
CMY	0.2235, 0.2235, 0.2392
CMYK	0.00, 0.00, 0.02, 0.22
HSL	60°, 3%, 77%
HSV	60°, 2%, 78%
XYZ	53.2204, 56.2890, 59.0988
YIQ	197.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

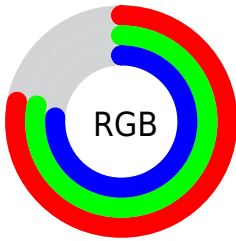
Format	Color
RYB	194, 198, 194
Decimal	13027010
CIELab	79.78, -0.72, 1.99
CIELCh	80, 2.118, 109.957
Yxy	56.2890, 0.3156, 0.3338
Android (android.graphics.Color)	4291217090 (0xFFC6C6C2)
YUV	197.5440, -1.7472, 0.3999
Hunter-Lab	75.0260, -4.6748, 5.8148

Details

The XYZ color **53.2204, 56.2890, 59.0988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7352, 54.1317, 61.1507**, and the grayscale version is **53.4109, 56.1925, 61.1936**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **26.2085, 27.7693, 28.7896** is the 20% darker color. If you saturate the color by 10%, you get **51.1390, 55.4577, 48.1563**, and if you desaturate by 10%, it is **55.6013, 57.2437, 71.6044**.

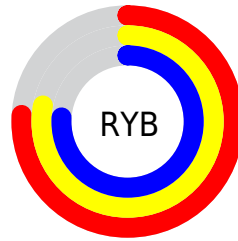
Distribution



Red (78%)

Green (78%)

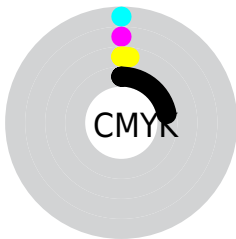
Blue (76%)



Red (76%)

Yellow (78%)

Blue (76%)

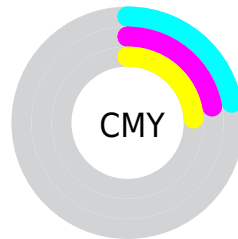


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2204, 56.2890, 59.0988 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 53.2204, 56.2890, 59.0988 by changing the saturation by 10% instead.

■ 53.2204, 56.2890,
59.0988

■ 53.2204, 56.2890,
59.0988

389.3772,
410.7797, 438.9800

■ 38.2069, 40.4347,
42.2721

■ 94.0922, 99.4270,
105.0518

■ 26.3213, 27.8776,
28.9873

120.6813,
127.4795, 135.0152

■ 17.1981, 18.2334,
18.8257

151.8596,
160.3668, 170.1945

■ 10.4720, 11.1177,
11.3689

187.9925,
198.4733, 211.0084

■ 5.7777, 6.1461,
6.1982

229.4453,
242.1835, 257.8754

■ 2.7497, 2.9341,
2.8953

276.5835,

■ 1.0228, 1.0974,

291.8817, 311.2139

1.0414

329.7723,
347.9523, 371.4426

■ 0.0000, 0.0000,
0.0000

■ 53.2204, 56.2890,
59.0988

■ 53.2204, 56.2890,
59.0988

■ 51.1390, 55.4577,
48.1563

■ 55.6013, 57.2437,
71.6044

■ 49.3408, 54.7379,
38.7119

■ 58.2880, 58.3189,
85.7273

■ 47.8149, 54.1269,
30.7017

■ 61.2925, 59.5213,
101.5237

■ 46.5481, 53.6197,
24.0555

■ 61.5534, 59.6262,
102.8725

■ 45.5258, 53.2102,
18.6974

■ 61.5581, 59.6287,
102.8728

■ 44.7323, 52.8923,
14.5439

■ 61.5629, 59.6311,
102.8730

■ 44.1499, 52.6587,
11.5019

■ 61.5677, 59.6336,
102.8732

■ 43.7583, 52.5015,
9.4645

■ 61.5725, 59.6361,
102.8734

■ 43.5332, 52.4109,
8.3042

■ 61.5773, 59.6385,
102.8737

Harmonies

Analogous

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



53.6447, 56.2890, 58.9959



53.2204, 56.2890, 59.0988



52.8730, 56.2890, 59.7842

Triad

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



53.2204, 56.2890, 59.0988



52.9729, 56.2890, 63.1126



54.3161, 56.2890, 61.7014

Complementary

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



53.2204, 56.2890, 59.0988



51.7352, 54.1317, 61.1507

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.



54.1340, 56.2890, 62.8191



53.2204, 56.2890, 59.0988



53.3575, 56.2890, 63.6411

Square

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



53.2204, 56.2890, 59.0988



52.7306, 56.2890, 62.0977



53.7826, 56.2890, 63.5330



54.2788, 56.2890, 60.4876

Rectangle

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



53.2204, 56.2890, 59.0988



52.7310, 56.2890, 60.4844



53.7826, 56.2890, 63.5330



54.2784, 56.2890, 62.1011

Sweetspot

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



53.2220, 56.2914, 59.1000



94.6412, 99.8364, 106.7520



52.3199, 54.4858, 58.7990



20.2614, 21.3708, 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.



53.2220, 56.2914, 59.1000



94.2379, 99.6750, 104.6326



52.6987, 56.0217, 59.0755



11.8785, 12.5588, 13.2203



28.2473, 34.0573, 5.0849



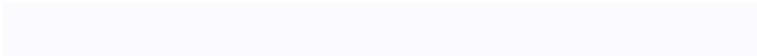
1.3378, 1.6128, 0.2408

Inverse Universe

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



51.7352, 54.1317, 61.1507



91.5947, 95.8355, 108.2783



52.2515, 54.3978, 61.1749



11.5704, 12.1112, 13.6454



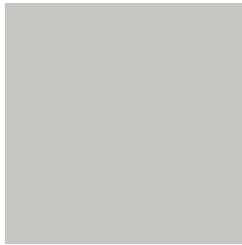
6.6307, 2.6525, 34.9069



0.3143, 0.1258, 1.6529

Previews

White Background



This preview shows how the XYZ color 53.2204, 56.2890, 59.0988 looks on a white background.

Color Contrast Check

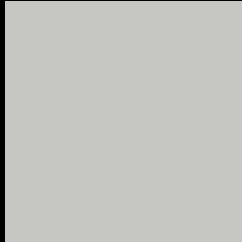
Large Text (above 18pt) WCAG AA × Fail

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 53.2204, 56.2890, 59.0988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

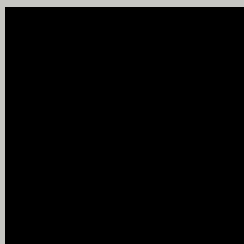
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

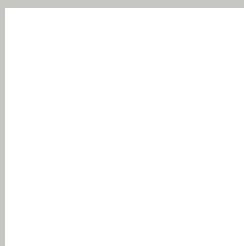
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2204, 56.2890, 59.0988

Background



This preview shows how black text looks on a background with the XYZ color 53.2204, 56.2890, 59.0988.



This preview shows how white text looks on a background with the XYZ color 53.2204, 56.2890,

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

53.2204, 56.2890, 59.0988

Protanopia

53.9490, 56.3393, 58.4832

Deuteranopia

57.0964, 55.9534, 59.4205



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

53.2204, 56.2890, 59.0988

Protanomaly

53.6793, 56.2003, 58.4706

Deuteranomaly

55.7205, 56.2253, 59.5456

Tritanomaly

54.5788, 56.1670, 65.7223

Monochromacy



Original Color

53.2204, 56.2890, 59.0988

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5608, 56.4252, 60.8915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2204, 56.2890, 59.0988 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 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(198, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.2204, 56.2890, 59.0988 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, 194) }
```


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

```
.border{ border-color:rgb(198, 198, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2204, 56.2890, 59.0988 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, 194) }
```

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

```
.background{ background-color: rgb(198,  
198, 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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