

Converting Colors

XYZ(52.9659, 56.0914, 51.5373)

Have a look what the booklet for
XYZ(52.9659, 56.0914, 51.5373)
contains.

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Color

**XYZ(52.9353, 55.9652,
51.7284)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5B5
RGB	203, 197, 181
RGB Percent	80%, 77%, 71%
CMY	0.2039, 0.2274, 0.2902
CMYK	0.00, 0.03, 0.11, 0.20
HSL	44°, 17%, 75%
HSV	44°, 11%, 80%
XYZ	52.9353, 55.9652, 51.7284
YIQ	196.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

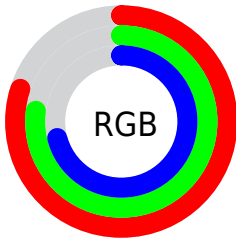
Format	Color
RYB	189, 203, 181
Decimal	13354421
CIELab	79.59, -0.67, 8.76
CIElCh	80, 8.785, 94.355
Yxy	55.9652, 0.3296, 0.3484
Android (android.graphics.Color)	4291544501 (0xFFCBC5B5)
YUV	196.9700, -7.8732, 5.2883
Hunter-Lab	74.8099, -4.6111, 11.3700

Details

The XYZ color **52.9353, 55.9652, 51.7284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6057, 49.6752, 63.5795**, and the grayscale version is **53.0964, 55.8616, 60.8332**.

A 20% lighter version of the original color is **91.9679, 98.2580, 94.2392**, and **26.1132, 27.5930, 24.3717** is the 20% darker color. If you saturate the color by 10%, you get **49.7695, 52.7273, 41.1346**, and if you desaturate by 10%, it is **56.4538, 59.4217, 63.9386**.

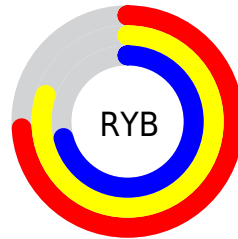
Distribution



Red (80%)

Green (77%)

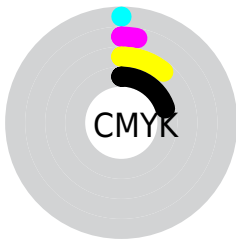
Blue (71%)



Red (74%)

Yellow (80%)

Blue (71%)

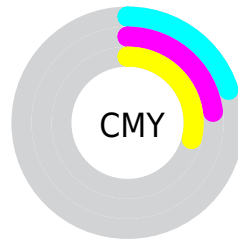


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9353, 55.9652, 51.7284 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 52.9353, 55.9652, 51.7284 by changing the saturation by 10% instead.

■ 52.9353, 55.9652,
51.7284

■ 52.9353, 55.9652,
51.7284

388.3018,
409.5603, 410.3143

■ 37.9784, 40.1750,
36.4079

■ 93.6752, 98.9537,
94.1531

■ 26.1431, 27.6750,
24.4572

120.1890,
126.9208, 122.0943

■ 17.0639, 18.0808,
15.4578

151.2857,
159.7157, 155.0795

■ 10.3757, 11.0080,
8.9911

187.3308,
197.7227, 193.5272

■ 5.7129, 6.0722,
4.6387

228.6896,
241.3263, 237.8560

■ 2.7103, 2.8891,
1.9818

275.7275,

■ 1.0025, 1.0741,

290.9108, 288.4845

0.5441

328.8097,
346.8607, 345.8310

■ 0.0000, 0.0000,
0.0000

■ 52.9353, 55.9652,
51.7284

■ 52.9353, 55.9652,
51.7284

■ 49.7695, 52.7273,
41.1346

■ 56.4538, 59.4217,
63.9386

■ 46.9383, 49.6944,
32.0844

■ 60.3332, 63.0952,
77.8263

■ 44.4287, 46.8624,
24.5052

■ 64.5872, 66.9938,
93.4540

■ 42.2250, 44.2241,
18.3168

■ 68.0456, 70.6503,
104.6582

■ 40.3101, 41.7719,
13.4313

■ 69.5143, 73.5876,
105.1478

■ 38.6648, 39.4973,
9.7509

■ 71.0314, 76.6219,
105.6535

■ 37.2675, 37.3908,
7.1638

■ 72.5974, 79.7539,
106.1755

■ 36.0924, 35.4412,
5.5369

■ 74.2128, 82.9846,
106.7139

■ 35.1678, 33.7746,
4.6656

■ 75.8779, 86.3148,
107.2690

Harmonies

Analogous

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



54.6793, 55.9652, 52.5682



52.9353, 55.9652, 51.7284



51.2963, 55.9652, 53.2415

Triad

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



52.9353, 55.9652, 51.7284



50.4337, 55.9652, 66.6021



56.3196, 55.9652, 65.2515

Complementary

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



52.9353, 55.9652, 51.7284



47.6057, 49.6752, 63.5795

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.



55.1363, 55.9652, 69.3395



52.9353, 55.9652, 51.7284



51.7344, 55.9652, 70.1491

Square

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



52.9353, 55.9652, 51.7284



49.8725, 55.9652, 61.6795



53.4520, 55.9652, 71.1774



56.6582, 55.9652, 60.1997

Rectangle

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



52.9353, 55.9652, 51.7284



50.4761, 55.9652, 55.4330



53.4520, 55.9652, 71.1774



56.0062, 55.9652, 66.7929

Sweetspot

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



52.9368, 55.9677, 51.7296



93.1811, 98.1940, 102.3213



50.1477, 49.3429, 54.0265



19.8397, 20.9155, 21.5340



0.0000, 0.0000, 0.0000



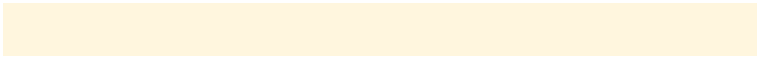
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9368, 55.9677, 51.7296



87.3499, 92.4163, 82.2362



53.0472, 58.0861, 52.1327



11.8852, 12.5594, 11.8772



22.4596, 21.6521, 2.9955



1.2197, 1.2391, 0.1749

Inverse Universe

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



47.6057, 49.6752, 63.5795



76.6719, 79.8132, 105.9722



47.4971, 47.7702, 63.2176



10.8464, 11.3333, 14.1862



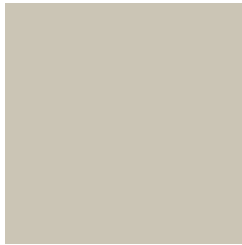
7.8050, 4.6340, 36.4394



0.4671, 0.3679, 1.9013

Previews

White Background



This preview shows how the XYZ color 52.9353, 55.9652, 51.7284 looks on a white background.

Color Contrast Check

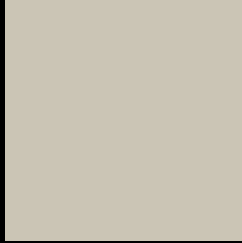
Large Text (above 18pt) WCAG AA × Fail

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 52.9353, 55.9652, 51.7284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

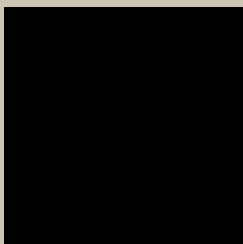
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

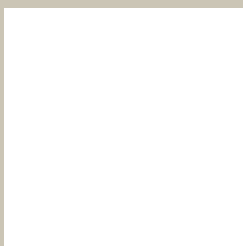
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9353, 55.9652, 51.7284

Background



This preview shows how black text looks on a background with the XYZ color 52.9353, 55.9652, 51.7284.



This preview shows how white text looks on a background with the XYZ color 52.9353, 55.9652,

51.7284.

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

52.9353, 55.9652, 51.7284

Protanopia

53.4836, 56.2478, 51.7541

Deuteranopia

56.9812, 55.7339, 52.0105



Tritanopia

56.1873, 55.9594, 67.5144

Trichromacy



Original Color

52.9353, 55.9652, 51.7284

Protanomaly

53.2086, 56.1061, 51.7412

Deuteranomaly

55.5378, 55.9644, 52.1310

Tritanomaly

54.9384, 55.7826, 61.2976

Monochromacy



Original Color

52.9353, 55.9652, 51.7284

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9234, 55.8362, 57.2783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9353, 55.9652, 51.7284 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(203, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 181)  
}
```

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(203, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.9353, 55.9652, 51.7284 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(203, 197, 181) }
```


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

```
.border{ border-color:rgb(203, 197, 181) }
```

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

Here you see how a box with a 4 pixel rgb(203, 197, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9353, 55.9652, 51.7284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 181) }
```

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

```
.background{ background-color: rgb(203,  
197, 181) }
```

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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