

Converting Colors

XYZ(52.6057, 56.3135, 55.4038)

Have a look what the booklet for
XYZ(52.6057, 56.3135, 55.4038)
contains.

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Color

**XYZ(52.7892, 56.4835,
55.6971)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7BC
RGB	198, 199, 188
RGB Percent	78%, 78%, 74%
CMY	0.2235, 0.2196, 0.2627
CMYK	0.01, 0.00, 0.06, 0.22
HSL	65°, 9%, 76%
HSV	65°, 6%, 78%
XYZ	52.7892, 56.4835, 55.6971
YIQ	197.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

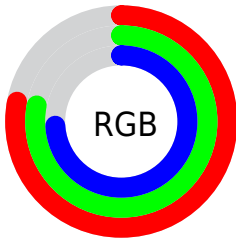
Format	Color
RYB	188, 199, 189
Decimal	13027260
CIELab	79.89, -2.31, 5.37
CIELCh	80, 5.850, 113.299
Yxy	56.4835, 0.3200, 0.3424
Android (android.graphics.Color)	4291217340 (0xFFC6C7BC)
YUV	197.4470, -4.6574, 0.4850
Hunter-Lab	75.1555, -6.1438, 8.6695

Details

The XYZ color **52.7892, 56.4835, 55.6971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2806, 50.9104, 61.2652**, and the grayscale version is **53.3685, 56.1479, 61.1450**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **26.0002, 27.9294, 26.9422** is the 20% darker color. If you saturate the color by 10%, you get **50.3149, 55.4406, 45.1444**, and if you desaturate by 10%, it is **55.5683, 57.6526, 67.8106**.

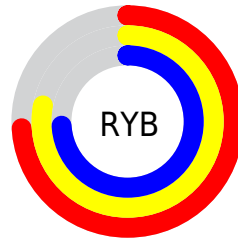
Distribution



Red (78%)

Green (78%)

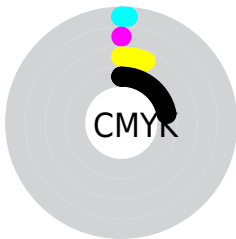
Blue (74%)



Red (74%)

Yellow (78%)

Blue (74%)

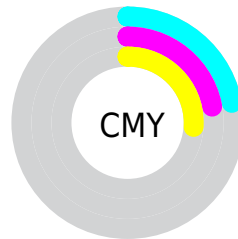


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7892, 56.4835, 55.6971 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 52.7892, 56.4835, 55.6971 by changing the saturation by 10% instead.

■ 52.7892, 56.4835,
55.6971

■ 52.7892, 56.4835,
55.6971

387.7500,
411.5111, 425.9052

■ 37.8613, 40.5907,
39.5578

■ 93.4615, 99.7112,
100.0429

■ 26.0518, 27.9994,
26.8827

119.9366,
127.8148, 129.0865

■ 16.9953, 18.3252,
17.2535

150.9914,
160.7575, 163.2686

■ 10.3264, 11.1837,
10.2515

186.9914,
198.9237, 203.0077

■ 5.6798, 6.1906,
5.4583

228.3019,
242.6978, 248.7223

■ 2.6902, 2.9613,
2.4552

275.2883,

■ 0.9921, 1.1116,

292.4641, 300.8311

0.8163

328.3158,
348.6071, 359.7526

■ 0.0000, 0.0000,
0.0000

■ 52.7892, 56.4835,
55.6971

■ 52.7892, 56.4835,
55.6971

■ 50.3149, 55.4406,
45.1444

■ 55.5683, 57.6526,
67.8106

■ 48.1286, 54.5118,
36.0854

■ 58.6588, 58.9451,
81.5410

■ 46.2190, 53.6943,
28.4538

■ 62.0730, 60.3678,
96.9461

■ 44.5722, 52.9826,
22.1765

■ 63.7248, 61.0861,
103.0399

■ 43.1732, 52.3706,
17.1743

■ 64.2296, 61.3463,
103.0635

■ 42.0052, 51.8517,
13.3596

■ 64.7402, 61.6096,
103.0874

■ 41.0496, 51.4185,
10.6336

■ 65.2567, 61.8759,
103.1116

■ 40.2846, 51.0620,
8.8820

■ 65.7791, 62.1452,
103.1360

■ 39.6834, 50.7718,
7.9639

■ 66.3074, 62.4175,
103.1607

Harmonies

Analogous

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



53.9523, 56.4835, 55.2417



52.7892, 56.4835, 55.6971



51.8787, 56.4835, 57.6809

Triad

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



52.7892, 56.4835, 55.6971



52.3349, 56.4835, 66.8856



55.9820, 56.4835, 62.2659

Complementary

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



52.7892, 56.4835, 55.6971



49.2806, 50.9104, 61.2652

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.



55.5345, 56.4835, 65.4860



52.7892, 56.4835, 55.6971



53.4203, 56.4835, 68.2159

Square

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



52.7892, 56.4835, 55.6971



51.6191, 56.4835, 64.1197



54.5926, 56.4835, 67.6946



55.8071, 56.4835, 58.9545

Rectangle

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



52.7892, 56.4835, 55.6971



51.5318, 56.4835, 59.6437



54.5926, 56.4835, 67.6946



55.8992, 56.4835, 63.3964

Sweetspot

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



52.7908, 56.4859, 55.6983



94.0686, 99.5877, 104.6247



50.8119, 52.1338, 54.9626



20.1448, 21.3202, 22.4388



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.



52.7908, 56.4859, 55.6983



91.7112, 98.5955, 94.4329



51.3888, 55.7632, 55.6327



11.5298, 12.4102, 11.7974



25.4009, 32.5899, 4.9517



1.2313, 1.5579, 0.2358

Inverse Universe

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



49.2806, 50.9104, 61.2652



83.8997, 86.1876, 106.8216



50.6491, 51.6159, 61.3293



10.4928, 10.7631, 13.4419



6.8241, 2.7522, 34.9159



0.3547, 0.1466, 1.6547

Previews

White Background



This preview shows how the XYZ color 52.7892, 56.4835, 55.6971 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 52.7892, 56.4835, 55.6971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

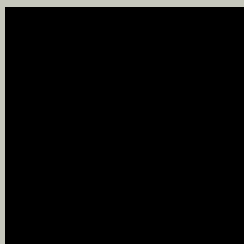
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

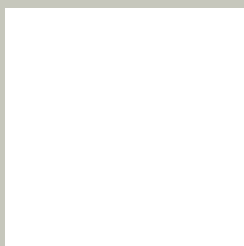
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7892, 56.4835, 55.6971

Background



This preview shows how black text looks on a background with the XYZ color 52.7892, 56.4835, 55.6971.



This preview shows how white text looks on a background with the XYZ color 52.7892, 56.4835,

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

52.7892, 56.4835, 55.6971

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

57.4403, 56.1950, 56.5345



Tritanopia

55.5852, 56.6005, 69.6234

Trichromacy



Original Color

52.7892, 56.4835, 55.6971

Protanomaly

53.5208, 56.5326, 55.1047

Deuteranomaly

55.6285, 56.2547, 56.0704

Tritanomaly

54.5652, 56.5237, 64.5342

Monochromacy



Original Color

52.7892, 56.4835, 55.6971

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9576, 56.1535, 59.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7892, 56.4835, 55.6971 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, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 188)  
}
```

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, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.7892, 56.4835, 55.6971 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, 199, 188) }
```


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

```
.border{ border-color:rgb(198, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7892, 56.4835, 55.6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 188) }
```

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

```
.background{ background-color: rgb(198,  
199, 188) }
```

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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