

Converting Colors

XYZ(53.0163, 58.4711, 56.8717)

Have a look what the booklet for
XYZ(53.0163, 58.4711, 56.8717)
contains.

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Color

**XYZ(52.7705, 58.1973,
56.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CCBD
RGB	193, 204, 189
RGB Percent	76%, 80%, 74%
CMY	0.2431, 0.2000, 0.2588
CMYK	0.05, 0.00, 0.07, 0.20
HSL	104°, 13%, 77%
HSV	104°, 7%, 80%
XYZ	52.7705, 58.1973, 56.5960
YIQ	199.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

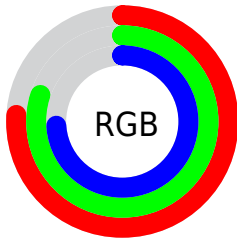
Format	Color
R _Y B	189, 204, 200
Decimal	12700861
CIE Lab	80.85, -6.50, 6.17
CIE LCh	81, 8.965, 136.484
Yxy	58.1973, 0.3149, 0.3473
Android (android.graphics.Color)	4290890941 (0xFFC1CCBD)
YUV	199.0010, -4.9305, -5.2629
Hunter-Lab	76.2872, -10.0278, 9.4149

Details

The XYZ color **52.7705, 58.1973, 56.5960** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9183, 53.0357, 64.5776**, and the grayscale version is **54.3180, 57.1468, 62.2329**.

A 20% lighter version of the original color is **91.3084, 98.2523, 100.5383**, and **25.9977, 29.0792, 27.5352** is the 20% darker color. If you saturate the color by 10%, you get **47.0872, 55.5072, 45.5723**, and if you desaturate by 10%, it is **59.1545, 61.2159, 69.2809**.

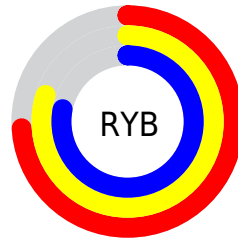
Distribution



Red (76%)

Green (80%)

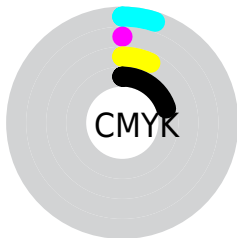
Blue (74%)



Red (74%)

Yellow (80%)

Blue (78%)

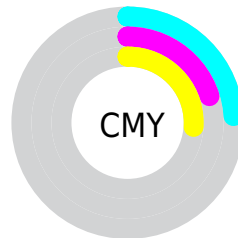


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7705, 58.1973, 56.5960 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 52.7705, 58.1973, 56.5960 by changing the saturation by 10% instead.

■ 52.7705, 58.1973,
56.5960

■ 52.7705, 58.1973,
56.5960

387.6793,
417.9207, 429.3850

■ 37.8463, 41.9673,
40.2738

■ 93.4341, 102.2101,
101.3699

■ 26.0401, 29.0757,
27.4367

119.9042,
130.7617, 130.6587

■ 16.9865, 19.1381,
17.6661

150.9537,
164.1893, 165.1068

■ 10.3201, 11.7701,
10.5436

186.9480,
202.8772, 205.1326

■ 5.6756, 6.5873,
5.6505

228.2523,
247.2100, 251.1549

■ 2.6876, 3.2054,
2.5684

275.2321,

■ 0.9908, 1.2399,

297.5719, 303.5920

0.8761

328.2526,
354.3473, 362.8625

■ 0.0000, 0.0939,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.7705, 58.1973,
56.5960

■ 52.7705, 58.1973,
56.5960

■ 47.0872, 55.5072,
45.5723

■ 59.1545, 61.2159,
69.2809

■ 42.0753, 53.1272,
36.1372

■ 66.2575, 64.5661,
83.6879

■ 37.7108, 51.0479,
28.2188

■ 74.1031, 68.2604,
99.8793

■ 33.9661, 49.2570,
21.7378

■ 80.0969, 71.2622,
104.1412

■ 30.8116, 47.7411,
16.6077

■ 80.8840, 71.6680,
104.1780

■ 28.2151, 46.4856,
12.7328

■ 26.1410, 45.4746,
10.0050

■ 24.5491, 44.6901,
8.2977

■ 23.3886, 44.1097,
7.4363

Harmonies

Analogous

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



54.3098, 58.1973, 54.0755



52.7705, 58.1973, 56.5960



51.9216, 58.1973, 61.0114

Triad

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



52.7705, 58.1973, 56.5960



54.4861, 58.1973, 73.8175



58.8029, 58.1973, 60.5149

Complementary

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



52.7705, 58.1973, 56.5960



52.9183, 53.0357, 64.5776

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.



58.8526, 58.1973, 65.7824



52.7705, 58.1973, 56.5960



56.3321, 58.1973, 73.6661

Square

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



52.7705, 58.1973, 56.5960



52.8971, 58.1973, 71.0602



57.9396, 58.1973, 70.6575



57.8051, 58.1973, 56.2501

Rectangle

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



52.7705, 58.1973, 56.5960



51.8489, 58.1973, 64.5265



57.9396, 58.1973, 70.6575



58.9318, 58.1973, 62.2214

Sweetspot

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



52.7721, 58.1998, 56.5973



92.8769, 98.9733, 104.5689



54.7438, 57.8226, 56.4205



19.9023, 21.1951, 22.4274



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.



52.7721, 58.1998, 56.5973



85.6490, 95.5553, 90.3110



52.1508, 57.8351, 58.5761



11.3439, 12.6792, 11.9289



14.6376, 27.7213, 4.5793



0.8288, 1.4681, 0.2397

Inverse Universe

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



52.9183, 53.0357, 64.5776



85.9454, 85.0794, 106.4999



53.5854, 53.4276, 62.4412



11.3844, 11.2475, 14.1413



14.8242, 6.8497, 36.4971



0.8342, 0.3892, 1.8861

Previews

White Background



This preview shows how the XYZ color 52.7705, 58.1973, 56.5960 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 52.7705, 58.1973, 56.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

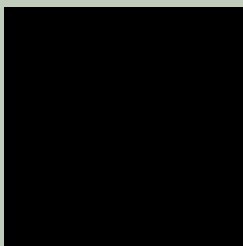
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

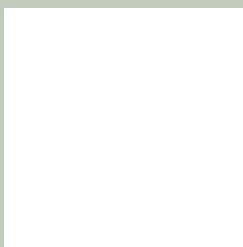
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7705, 58.1973, 56.5960

Background



This preview shows how black text looks on a background with the XYZ color 52.7705, 58.1973, 56.5960.



This preview shows how white text looks on a background with the XYZ color 52.7705, 58.1973,

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

52.7705, 58.1973, 56.5960

Protanopia

55.3560, 58.1618, 55.3225

Deuteranopia

59.1272, 58.0331, 57.3754



Tritanopia

56.0749, 58.1367, 73.2318

Trichromacy



Original Color

52.7705, 58.1973, 56.5960

Protanomaly

54.3209, 57.9607, 55.9015

Deuteranomaly

56.6397, 58.1029, 56.9449

Tritanomaly

54.7922, 57.9653, 66.6931

Monochromacy



Original Color

52.7705, 58.1973, 56.5960

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7629, 57.5837, 59.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7705, 58.1973, 56.5960 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(193, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 189)  
}
```

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(193, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.7705, 58.1973, 56.5960 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(193, 204, 189) }
```


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

```
.border{ border-color:rgb(193, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7705, 58.1973, 56.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 189) }
```

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

```
.background{ background-color: rgb(193,  
204, 189) }
```

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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