

Converting Colors

XYZ(52.3882, 58.0740, 53.2480)

Have a look what the booklet for
XYZ(52.3882, 58.0740, 53.2480)
contains.

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Color

**XYZ(52.3882, 58.0740,
53.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CCB7
RGB	194, 204, 183
RGB Percent	76%, 80%, 72%
CMY	0.2392, 0.2000, 0.2823
CMYK	0.05, 0.00, 0.10, 0.20
HSL	89°, 17%, 76%
HSV	89°, 10%, 80%
XYZ	52.3882, 58.0740, 53.2480
YIQ	198.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

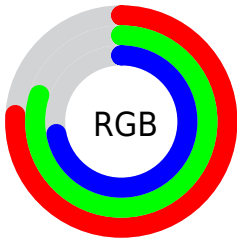
Format	Color
RYB	183, 204, 193
Decimal	12766391
CIELab	80.78, -7.20, 9.29
CIELCh	81, 11.754, 127.779
Yxy	58.0740, 0.3200, 0.3547
Android (android.graphics.Color)	4290956471 (0xFFC2CCB7)
YUV	198.6160, -7.6987, -4.0482
Hunter-Lab	76.2063, -10.6508, 11.9164

Details

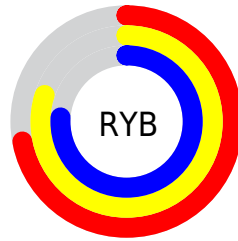
The XYZ color **52.3882, 58.0740, 53.2480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8273, 49.5657, 64.0709**, and the grayscale version is **54.0981, 56.9154, 61.9808**.

A 20% lighter version of the original color is **91.1236, 98.2612, 95.8249**, and **25.7508, 28.9998, 25.3594** is the 20% darker color. If you saturate the color by 10%, you get **48.0044, 56.0436, 42.7506**, and if you desaturate by 10%, it is **57.2461, 60.3166, 65.3765**.

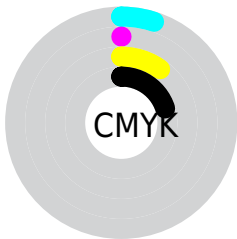
Distribution



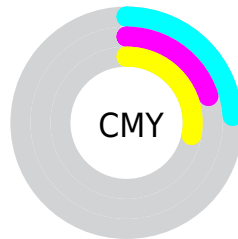
- Red (76%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3882, 58.0740, 53.2480 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 52.3882, 58.0740, 53.2480 by changing the saturation by 10% instead.

■ 52.3882, 58.0740,
53.2480

■ 52.3882, 58.0740,
53.2480

386.2328,
417.4616, 416.3291

■ 37.5401, 41.8681,
37.6117

■ 92.8743, 102.0306,
96.4144

■ 25.8015, 28.9981,
25.3820

119.2431,
130.5502, 124.7817

■ 16.8071, 19.0794,
16.1403

150.1828,
163.9431, 158.2296

■ 10.1915, 11.7276,
9.4680

186.0588,
202.5937, 197.1768

■ 5.5894, 6.5585,
4.9467

227.2365,
246.8865, 242.0418

■ 2.6353, 3.1876,
2.1579

274.0811,

■ 0.9640, 1.2304,

297.2058, 293.2432

0.6499

326.9581,
353.9360, 351.1995

■ 0.0000, 0.0863,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3882, 58.0740,
53.2480

■ 52.3882, 58.0740,
53.2480

■ 48.0044, 56.0436,
42.7506

■ 57.2461, 60.3166,
65.3765

■ 44.0737, 54.2110,
33.8111

■ 62.5888, 62.7705,
79.1979

■ 40.5803, 52.5715,
26.3560

■ 68.4324, 65.4443,
94.7749

■ 37.5056, 51.1172,
20.3047

■ 73.2056, 67.7097,
103.8187

■ 34.8296, 49.8397,
15.5687

■ 76.4636, 69.3893,
103.9711

■ 32.5300, 48.7297,
12.0497

■ 79.8989, 71.1603,
104.1319

■ 30.5818, 47.7768,
9.6352

■ 80.8841, 71.6681,
104.1780

■ 28.9561, 46.9690,
8.1922

■ 27.6375, 46.3036,
7.4808

Harmonies

Analogous

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



54.5685, 58.0740, 50.8953



52.3882, 58.0740, 53.2480



50.9898, 58.0740, 58.3125

Triad

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



52.3882, 58.0740, 53.2480



53.4517, 58.0740, 76.4275



59.9509, 58.0740, 61.4412

Complementary

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



52.3882, 58.0740, 53.2480



49.8273, 49.5657, 64.0709

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.



59.6307, 58.0740, 68.4222



52.3882, 58.0740, 53.2480



55.8316, 58.0740, 77.4183

Square

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



52.3882, 58.0740, 53.2480



51.5912, 58.0740, 71.7775



58.1057, 58.0740, 74.3935



58.9682, 58.0740, 55.3945

Rectangle

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



52.3882, 58.0740, 53.2480



50.6652, 58.0740, 62.7162



58.1057, 58.0740, 74.3935



59.9926, 58.0740, 63.7520

Sweetspot

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



52.3898, 58.0765, 53.2493



92.5147, 98.8325, 102.4797



52.4771, 54.3100, 52.5176



19.6596, 21.0886, 21.5769



0.0000, 0.0000, 0.0000



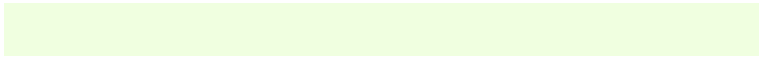
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3898, 58.0765, 53.2493



85.3484, 95.5232, 84.7453



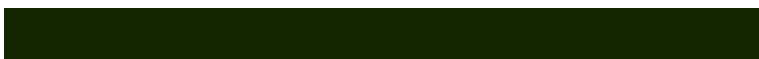
49.8372, 56.7606, 53.1298



11.6193, 12.8211, 11.9418



17.5027, 29.1983, 4.7133



0.9903, 1.5513, 0.2472

Inverse Universe

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



49.8273, 49.5657, 64.0709



80.4016, 79.0930, 105.6366



52.5452, 50.9669, 64.1981



11.1016, 11.1017, 14.1281



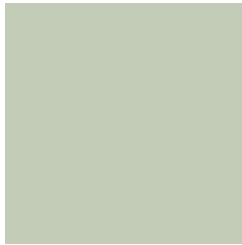
10.0803, 4.4041, 36.2751



0.6075, 0.2723, 1.8755

Previews

White Background



This preview shows how the XYZ color 52.3882, 58.0740, 53.2480 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 52.3882, 58.0740, 53.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

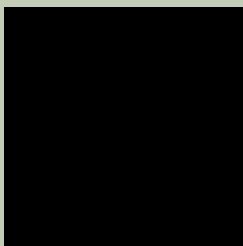
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

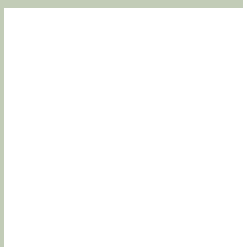
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3882, 58.0740, 53.2480

Background



This preview shows how black text looks on a background with the XYZ color 52.3882, 58.0740, 53.2480.



This preview shows how white text looks on a background with the XYZ color 52.3882, 58.0740,

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

52.3882, 58.0740, 53.2480

Protanopia

55.0072, 58.0546, 52.0225

Deuteranopia

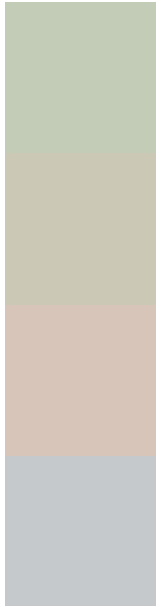
58.8783, 57.6503, 53.9233



Tritanopia

56.2424, 57.8953, 72.5006

Trichromacy



Original Color

52.3882, 58.0740, 53.2480

Protanomaly

53.9587, 57.8472, 52.5777

Deuteranomaly

56.3495, 57.6893, 53.5126

Tritanomaly

54.6921, 57.9554, 64.8038

Monochromacy



Original Color

52.3882, 58.0740, 53.2480

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5382, 57.4939, 58.7277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3882, 58.0740, 53.2480 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(194, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 183)  
}
```

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(194, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.3882, 58.0740, 53.2480 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(194, 204, 183) }
```


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

```
.border{ border-color:rgb(194, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3882, 58.0740, 53.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 183) }
```

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

```
.background{ background-color: rgb(194,  
204, 183) }
```

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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