

Converting Colors

XYZ(51.9719, 57.6389, 53.2015)

Have a look what the booklet for
XYZ(51.9719, 57.6389, 53.2015)
contains.

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Color

**XYZ(51.8955, 57.4682,
53.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CBB7
RGB	193, 203, 183
RGB Percent	76%, 80%, 72%
CMY	0.2431, 0.2039, 0.2823
CMYK	0.05, 0.00, 0.10, 0.20
HSL	90°, 16%, 76%
HSV	90°, 10%, 80%
XYZ	51.8955, 57.4682, 53.1570
YIQ	197.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

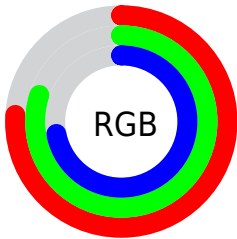
Format	Color
RYB	183, 203, 193
Decimal	12700599
CIELab	80.44, -7.03, 8.80
CIELCh	80, 11.265, 128.645
Yxy	57.4682, 0.3193, 0.3536
Android (android.graphics.Color)	4290890679 (0xFFC1CBB7)
YUV	197.7300, -7.2619, -4.1482
Hunter-Lab	75.8078, -10.4684, 11.4908

Details

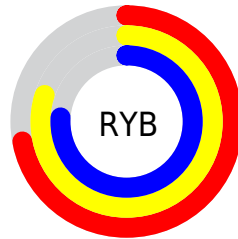
The XYZ color **51.8955, 57.4682, 53.1570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7075, 49.5177, 63.4409**, and the grayscale version is **53.5564, 56.3455, 61.3603**.

A 20% lighter version of the original color is **90.4069, 97.8917, 95.7914**, and **25.4242, 28.5956, 25.2986** is the 20% darker color. If you saturate the color by 10%, you get **47.4337, 55.3965, 42.7026**, and if you desaturate by 10%, it is **56.8430, 59.7584, 65.2273**.

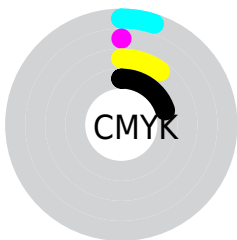
Distribution



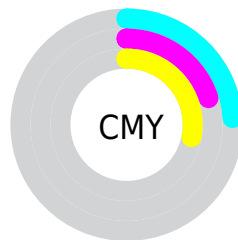
- Red (76%)
- Green (80%)
- Blue (72%)



- 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 51.8955, 57.4682, 53.1570 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 51.8955, 57.4682, 53.1570 by changing the saturation by 10% instead.

■ 51.8955, 57.4682,
53.1570

■ 51.8955, 57.4682,
53.1570

384.3636,
415.2014, 415.9705

■ 37.1457, 41.3813,
37.5395

■ 92.1522, 101.1480,
96.2792

■ 25.4945, 28.6171,
25.3265

118.3899,
129.5097, 124.6211

■ 16.5766, 18.7914,
16.0992

149.1876,
162.7318, 158.0415

■ 10.0265, 11.5196,
9.4393

184.9107,
201.1986, 196.9590

■ 5.4789, 6.4175,
4.9281

225.9244,
245.2946, 241.7921

■ 2.5685, 3.1006,
2.1471

272.5943,

■ 0.9299, 1.1845,

295.4041, 292.9593

0.6436

325.2856,
351.9116, 350.8793

■ 0.0000, 0.0490,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8955, 57.4682,
53.1570

■ 51.8955, 57.4682,
53.1570

■ 47.4337, 55.3965,
42.7026

■ 56.8430, 59.7584,
65.2273

■ 43.4363, 53.5289,
33.7919

■ 62.2870, 62.2663,
78.9744

■ 39.8873, 51.8603,
26.3526

■ 68.2441, 65.0007,
94.4602

■ 36.7678, 50.3828,
20.3053

■ 73.2109, 67.3606,
103.7510

■ 34.0576, 49.0878,
15.5629

■ 76.6329, 69.1247,
103.9112

■ 31.7342, 47.9658,
12.0287

■ 80.2488, 70.9888,
104.0804

■ 29.7724, 47.0064,
9.5925

■ 80.6471, 71.1941,
104.0990

■ 28.1433, 46.1973,
8.1237

■ 26.7965, 45.5180,
7.3821

Harmonies

Analogous

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



53.9571, 57.4682, 50.8239



51.8955, 57.4682, 53.1570



50.5898, 57.4682, 58.0555

Triad

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



51.8955, 57.4682, 53.1570



53.0207, 57.4682, 75.1798



59.1304, 57.4682, 60.6811

Complementary

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



51.8955, 57.4682, 53.1570



49.7075, 49.5177, 63.4409

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.



58.8625, 57.4682, 67.3192



51.8955, 57.4682, 53.1570



55.2919, 57.4682, 76.0064

Square

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



51.8955, 57.4682, 53.1570



51.2266, 57.4682, 70.8554



57.4419, 57.4682, 73.0403



58.1638, 57.4682, 54.9628

Rectangle

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



51.8955, 57.4682, 53.1570



50.3018, 57.4682, 62.2728



57.4419, 57.4682, 73.0403



59.1823, 57.4682, 62.8744

Sweetspot

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



51.8971, 57.4707, 53.1582



92.4490, 98.7986, 102.4766



52.2480, 54.2574, 52.5195



19.6419, 21.0795, 21.5761



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.



51.8971, 57.4707, 53.1582



85.1013, 95.3958, 84.7337



49.4333, 56.2005, 53.0429



11.5934, 12.8078, 11.9405



17.1456, 29.0142, 4.6966



0.9721, 1.5419, 0.2464

Inverse Universe

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



49.7075, 49.5177, 63.4409



80.6477, 79.2199, 105.6481



52.3437, 50.8768, 63.5643



11.1273, 11.1149, 14.1293



10.4177, 4.5781, 36.2909



0.6250, 0.2813, 1.8763

Previews

White Background



This preview shows how the XYZ color 51.8955, 57.4682, 53.1570 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 51.8955, 57.4682, 53.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

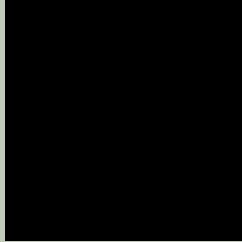
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

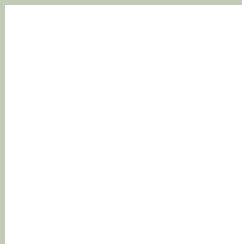
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8955, 57.4682, 53.1570

Background



This preview shows how black text looks on a background with the XYZ color 51.8955, 57.4682, 53.1570.



This preview shows how white text looks on a background with the XYZ color 51.8955, 57.4682,

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

51.8955, 57.4682, 53.1570

Protanopia

54.4960, 57.4484, 51.9325

Deuteranopia

58.3471, 57.0493, 53.8353



Tritanopia

55.6204, 57.2490, 71.7370

Trichromacy



Original Color

51.8955, 57.4682, 53.1570

Protanomaly

53.4549, 57.2425, 52.4875

Deuteranomaly

55.8322, 57.0867, 53.4236

Tritanomaly

54.1987, 57.3561, 64.7142

Monochromacy



Original Color

51.8955, 57.4682, 53.1570

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0449, 56.8946, 58.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8955, 57.4682, 53.1570 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, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 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(193, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.8955, 57.4682, 53.1570 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, 203, 183) }
```


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

```
.border{ border-color:rgb(193, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8955, 57.4682, 53.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 183) }
```

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

```
.background{ background-color: rgb(193,  
203, 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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