

Converting Colors

XYZ(55.3780, 56.7400, 58.4853)

Have a look what the booklet for
XYZ(55.3780, 56.7400, 58.4853)
contains.

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Color

**XYZ(55.3780, 56.7400,
58.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C4C1
RGB	208, 196, 193
RGB Percent	82%, 77%, 76%
CMY	0.1843, 0.2314, 0.2431
CMYK	0.00, 0.06, 0.07, 0.18
HSL	12°, 14%, 79%
HSV	12°, 7%, 82%
XYZ	55.3780, 56.7400, 58.4853
YIQ	199.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

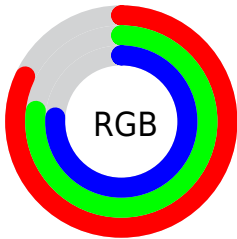
Format	Color
R _Y B	208, 197, 193
Decimal	13681857
CIE Lab	80.03, 3.67, 3.00
CIE LCh	80, 4.741, 39.218
Yxy	56.7400, 0.3246, 0.3326
Android (android.graphics.Color)	4291871937 (0xFFD0C4C1)
YUV	199.2460, -3.0793, 7.6773
Hunter-Lab	75.3260, -0.5911, 6.6937

Details

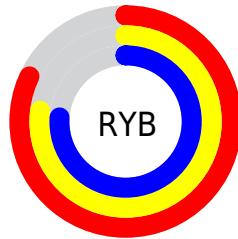
The XYZ color **55.3780, 56.7400, 58.4853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2087, 59.5533, 68.2603**, and the grayscale version is **54.4528, 57.2886, 62.3873**.

A 20% lighter version of the original color is **93.4642, 98.3501, 103.6799**, and **27.7331, 28.1095, 28.7749** is the 20% darker color. If you saturate the color by 10%, you get **49.6728, 48.7850, 45.9296**, and if you desaturate by 10%, it is **61.8288, 65.6626, 72.9010**.

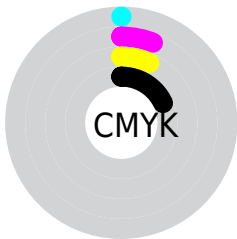
Distribution



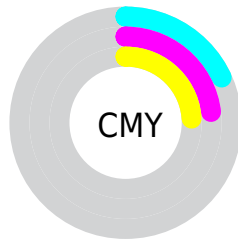
- Red (82%)
- Green (77%)
- Blue (76%)



- Red (82%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3780, 56.7400, 58.4853 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 55.3780, 56.7400, 58.4853 by changing the saturation by 10% instead.

■ 55.3780, 56.7400,
58.4853

■ 55.3780, 56.7400,
58.4853

397.4563,
412.4743, 436.6405

■ 39.9395, 40.7965,
41.7816

■ 97.2397, 100.0857,
104.1510

■ 27.6754, 28.1601,
28.6061

124.3935,
128.2568, 133.9501

■ 18.2203, 18.4464,
18.5400

156.1832,
161.2724, 168.9514

■ 11.2089, 11.2710,
11.1649

192.9740,
199.5172, 209.5735

■ 6.2759, 6.2494,
6.0623

235.1314,
243.3753, 256.2350

■ 3.0558, 2.9973,
2.8136

283.0207,

■ 1.1833, 1.1303,

293.2313, 309.3542

1.0003

337.0072,
349.4695, 369.3499

■ 0.0931, 0.0037,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3780, 56.7400,
58.4853

■ 55.3780, 56.7400,
58.4853

■ 49.6728, 48.7850,
45.9296

■ 61.8288, 65.6626,
72.9010

■ 44.6814, 41.7578,
35.1544

■ 69.0461, 75.5763,
89.2444

■ 40.3767, 35.6265,
26.0798

■ 76.9912, 86.4870,
107.2435

■ 36.7280, 30.3547,
18.6184

■ 79.8227, 92.1501,
108.1874

■ 33.7021, 25.9036,
12.6750

■ 31.2629, 22.2311,
8.1443

■ 29.3704, 19.2915,
4.9075

■ 27.9793, 17.0340,
2.8261

■ 27.0328, 15.3994,
1.7142

Harmonies

Analogous

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



55.7794, 56.7400, 60.9340



55.3780, 56.7400, 58.4853



54.5898, 56.7400, 56.9504

Triad

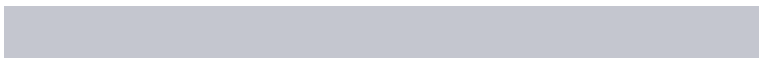
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3780, 56.7400, 58.4853



52.2158, 56.7400, 59.9164



54.2270, 56.7400, 67.1678

Complementary

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



55.3780, 56.7400, 58.4853



55.2087, 59.5533, 68.2603

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.



53.2749, 56.7400, 66.8756



55.3780, 56.7400, 58.4853



52.1213, 56.7400, 62.6342

Square

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



55.3780, 56.7400, 58.4853



52.7666, 56.7400, 57.7594



52.5068, 56.7400, 65.1966



55.1097, 56.7400, 65.9834

Rectangle

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



55.3780, 56.7400, 58.4853



53.9550, 56.7400, 56.6245



52.5068, 56.7400, 65.1966



53.9044, 56.7400, 67.2398

Sweetspot

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



55.3796, 56.7425, 58.4865



92.9522, 97.1010, 104.2036



56.1026, 55.9585, 65.6025



19.9176, 20.8140, 22.3530



0.0000, 0.0000, 0.0000



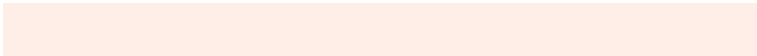
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3796, 56.7425, 58.4865



85.9942, 87.4523, 88.7288



57.1130, 60.2094, 59.0643



11.9977, 12.1861, 12.3318



16.7759, 9.4848, 0.9466



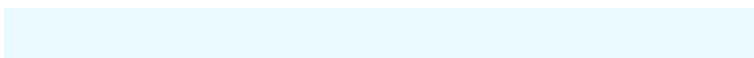
0.9952, 0.6447, 0.0720

Inverse Universe

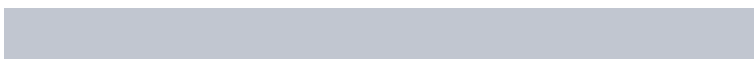
The Inverse Universe completely reimagines the original color for something new.



55.2087, 59.5533, 68.2603



85.6564, 93.0071, 108.0453



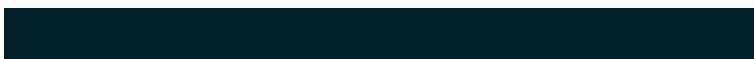
53.4583, 56.0523, 67.6768



11.9489, 12.9881, 15.1208



15.7041, 20.0548, 40.2358



0.9304, 1.2260, 2.2672

Previews

White Background



This preview shows how the XYZ color 55.3780, 56.7400, 58.4853 looks on a white background.

Color Contrast Check

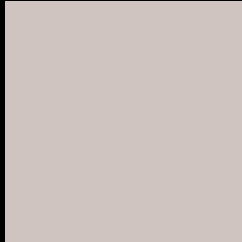
Large Text (above 18pt) WCAG AA × Fail

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 55.3780, 56.7400, 58.4853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

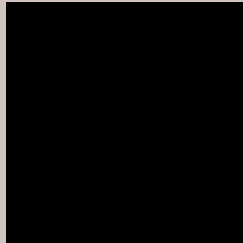
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3780, 56.7400, 58.4853

Background



This preview shows how black text looks on a background with the XYZ color 55.3780, 56.7400, 58.4853.



This preview shows how white text looks on a background with the XYZ color 55.3780, 56.7400,

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

55.3780, 56.7400, 58.4853

Protanopia

54.5603, 56.9797, 59.1615

Deuteranopia

57.8007, 56.6544, 58.9279



Tritanopia

57.3788, 56.8887, 68.2780

Trichromacy



Original Color

55.3780, 56.7400, 58.4853

Protanomaly

54.8807, 56.8067, 59.1112

Deuteranomaly

56.8319, 56.4820, 58.9457

Tritanomaly

56.5891, 56.8973, 64.4996

Monochromacy



Original Color

55.3780, 56.7400, 58.4853

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6292, 56.9759, 60.9415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3780, 56.7400, 58.4853 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(208, 196, 193) looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 193)  
}
```

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(208, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.3780, 56.7400, 58.4853 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(208, 196, 193) }
```


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

```
.border{ border-color:rgb(208, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3780, 56.7400, 58.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 193) }
```

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

```
.background{ background-color: rgb(208,  
196, 193) }
```

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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