

Converting Colors

XYZ(55.9825, 58.2142, 57.6546)

Have a look what the booklet for
XYZ(55.9825, 58.2142, 57.6546)
contains.

XYZ(55.8398, 58.0183, 57.5458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.8398, 58.0183,
57.5458)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7BF
RGB	208, 199, 191
RGB Percent	82%, 78%, 75%
CMY	0.1843, 0.2196, 0.2510
CMYK	0.00, 0.04, 0.08, 0.18
HSL	28°, 15%, 78%
HSV	28°, 8%, 82%
XYZ	55.8398, 58.0183, 57.5458
YIQ	200.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

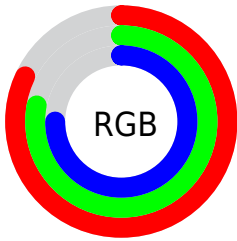
Format	Color
R _Y B	208, 206, 191
Decimal	13682623
CIE Lab	80.75, 1.74, 5.11
CIE LCh	81, 5.397, 71.135
Yxy	58.0183, 0.3258, 0.3385
Android (android.graphics.Color)	4291872703 (0xFFD0C7BF)
YUV	200.7790, -4.8210, 6.3328
Hunter-Lab	76.1697, -2.4393, 8.5256

Details

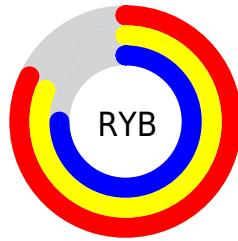
The XYZ color **55.8398, 58.0183, 57.5458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5252, 56.9381, 67.8442**, and the grayscale version is **55.4073, 58.2928, 63.4808**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.0393, 28.9558, 28.1560** is the 20% darker color. If you saturate the color by 10%, you get **51.2702, 52.2854, 45.5200**, and if you desaturate by 10%, it is **60.9210, 64.2527, 71.3473**.

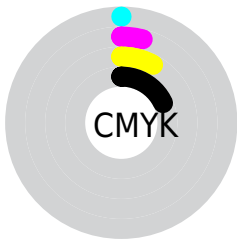
Distribution



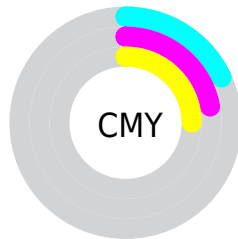
- Red (82%)
- Green (78%)
- Blue (75%)



- Red (82%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8398, 58.0183, 57.5458 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 55.8398, 58.0183, 57.5458 by changing the saturation by 10% instead.

■ 55.8398, 58.0183,
57.5458

■ 55.8398, 58.0183,
57.5458

399.1723,
417.2541, 433.0422

■ 40.3110, 41.8234,
41.0313

■ 97.9115, 101.9495,
102.7694

■ 27.9664, 28.9630,
28.0237

125.1851,
130.4546, 132.3156

■ 18.4407, 19.0528,
18.1043

157.1043,
163.8318, 167.0427

■ 11.3684, 11.7085,
10.8547

194.0345,
202.4656, 207.3694

■ 6.3843, 6.5455,
5.8563

236.3410,
246.7403, 253.7142

■ 3.1230, 3.1795,
2.6905

284.3893,

■ 1.2191, 1.2262,

297.0404, 306.4955

0.9386

338.5446,
353.7502, 366.1321

■ 0.1214, 0.0829,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8398, 58.0183,
57.5458

■ 55.8398, 58.0183,
57.5458

■ 51.2702, 52.2854,
45.5200

■ 60.9210, 64.2527,
71.3473

■ 47.1899, 47.0333,
35.1932

■ 66.5254, 70.9937,
86.9897

■ 43.5819, 42.2508,
26.4884

■ 72.6705, 78.2558,
104.5392

■ 40.4263, 37.9232,
19.3211

■ 76.1234, 84.7515,
106.9543

■ 37.7016, 34.0353,
13.5994

■ 79.5176, 91.5398,
108.0857

■ 35.3843, 30.5703,
9.2211

■ 79.8227, 92.1500,
108.1874

■ 33.4480, 27.5105,
6.0704

■ 31.8626, 24.8359,
4.0117

■ 30.5849, 22.5212,
2.8442

Harmonies

Analogous

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



56.7729, 58.0183, 59.2238



55.8398, 58.0183, 57.5458



54.7322, 58.0183, 57.3450

Triad

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



55.8398, 58.0183, 57.5458



53.0706, 58.0183, 64.3636



56.5651, 58.0183, 67.9035

Complementary

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



55.8398, 58.0183, 57.5458



53.5252, 56.9381, 67.8442

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.



55.5591, 58.0183, 69.3811



55.8398, 58.0183, 57.5458



53.5479, 58.0183, 67.2920

Square

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



55.8398, 58.0183, 57.5458



53.1434, 58.0183, 61.2102



54.4553, 58.0183, 69.1536



57.1955, 58.0183, 65.1754

Rectangle

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



55.8398, 58.0183, 57.5458



54.0451, 58.0183, 58.0678



54.4553, 58.0183, 69.1536



56.2591, 58.0183, 68.5670

Sweetspot

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



55.8414, 58.0208, 57.5470



93.3847, 97.9659, 104.3477



55.0771, 54.8456, 62.3686



20.0057, 20.9902, 22.3824



0.0000, 0.0000, 0.0000



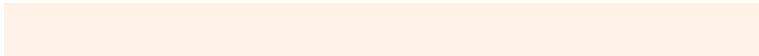
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8414, 58.0208, 57.5470



87.0580, 90.1555, 87.3086



57.8350, 62.0081, 58.2116



12.2611, 12.7129, 12.4196



19.0255, 13.9840, 1.6964



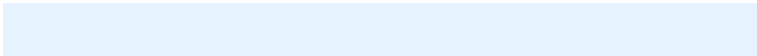
1.1429, 0.9402, 0.1212

Inverse Universe

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



53.5252, 56.9381, 67.8442



82.5718, 88.0582, 107.2527



51.6265, 53.1406, 67.2113



11.6741, 12.4385, 15.0292



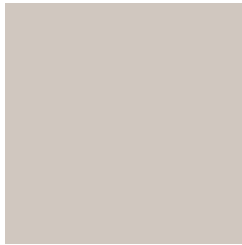
10.6735, 9.9936, 38.5589



0.6759, 0.7170, 2.1823

Previews

White Background



This preview shows how the XYZ color 55.8398, 58.0183, 57.5458 looks on a white background.

Color Contrast Check

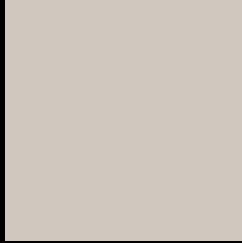
Large Text (above 18pt) WCAG AA × Fail

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 55.8398, 58.0183, 57.5458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

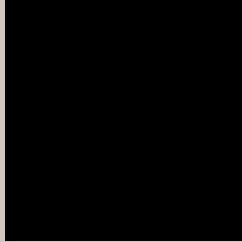
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

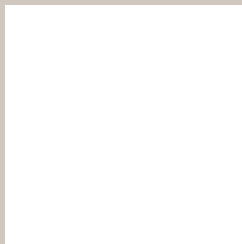
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8398, 58.0183, 57.5458

Background



This preview shows how black text looks on a background with the XYZ color 55.8398, 58.0183, 57.5458.

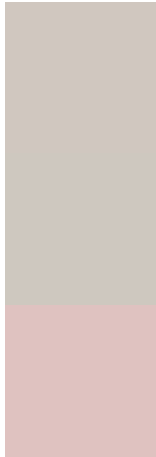


This preview shows how white text looks on a background with the XYZ color 55.8398, 58.0183,

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

55.8398, 58.0183, 57.5458

Protanopia

55.5118, 58.1920, 57.5966

Deuteranopia

59.2376, 58.0773, 57.9571



Tritanopia

58.3618, 58.0319, 69.7533

Trichromacy



Original Color

55.8398, 58.0183, 57.5458

Protanomaly

55.7904, 58.3355, 57.6096

Deuteranomaly

58.1678, 58.1911, 58.0354

Tritanomaly

57.4437, 57.9938, 65.2931

Monochromacy



Original Color

55.8398, 58.0183, 57.5458

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6342, 58.1771, 61.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8398, 58.0183, 57.5458 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, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 191)  
}
```

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, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.8398, 58.0183, 57.5458 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, 199, 191) }
```


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

```
.border{ border-color:rgb(208, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8398, 58.0183, 57.5458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 191) }
```

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

```
.background{ background-color: rgb(208,  
199, 191) }
```

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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