

Converting Colors

XYZ(53.3885, 55.0377, 58.8511)

Have a look what the booklet for
XYZ(53.3885, 55.0377, 58.8511)
contains.

XYZ(53.3865, 55.0352, 58.8480)	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(53.3865, 55.0352,
58.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC2C2
RGB	202, 194, 194
RGB Percent	79%, 76%, 76%
CMY	0.2078, 0.2392, 0.2392
CMYK	0.00, 0.04, 0.04, 0.21
HSL	0°, 7%, 78%
HSV	0°, 4%, 79%
XYZ	53.3865, 55.0352, 58.8480
YIQ	196.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

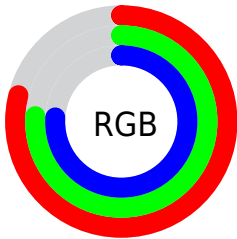
Format	Color
R _Y B	202, 194, 194
Decimal	13288130
CIE Lab	79.06, 2.79, 0.99
CIE LCh	79, 2.963, 19.457
Yxy	55.0352, 0.3192, 0.3290
Android (android.graphics.Color)	4291478210 (0xFFCAC2C2)
YUV	196.3920, -1.1793, 4.9182
Hunter-Lab	74.1857, -1.3705, 4.8981

Details

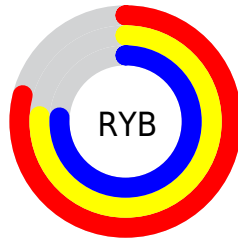
The XYZ color **53.3865, 55.0352, 58.8480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0292, 57.9737, 64.2202**, and the grayscale version is **52.7109, 55.4559, 60.3915**.

A 20% lighter version of the original color is **92.6809, 96.5333, 104.1905**, and **26.3245, 26.9455, 28.6245** is the 20% darker color. If you saturate the color by 10%, you get **47.0782, 45.8052, 46.3029**, and if you desaturate by 10%, it is **60.6169, 65.6144, 73.2233**.

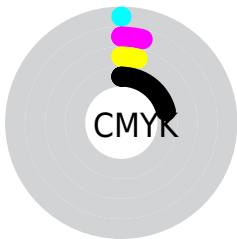
Distribution



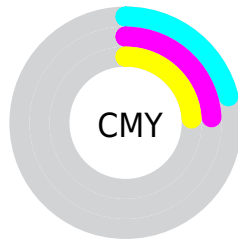
- Red (79%)
- Green (76%)
- Blue (76%)



- Red (79%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3865, 55.0352, 58.8480 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 53.3865, 55.0352, 58.8480 by changing the saturation by 10% instead.

■ 53.3865, 55.0352,
58.8480

■ 53.3865, 55.0352,
58.8480

390.0028,
406.0453, 438.0246

■ 38.3401, 39.4299,
42.0716

■ 94.3350, 97.5925,
104.6837

■ 26.4252, 27.0943,
28.8313

120.9679,
125.3133, 134.5800

■ 17.2763, 17.6441,
18.7088

152.1936,
157.8415, 169.6867

■ 10.5282, 10.6948,
11.2854

188.3776,
195.5613, 210.4223

■ 5.8155, 5.8620,
6.1425

229.8852,
238.8572, 257.2053

■ 2.7728, 2.7613,
2.8618

277.0816,

■ 1.0348, 1.0084,

288.1136, 310.4543

1.0245

330.3324,
343.7148, 370.5879

■ 0.0000, 0.0000,
0.0000

■ 53.3865, 55.0352,
58.8480

■ 53.3865, 55.0352,
58.8480

■ 47.0782, 45.8052,
46.3029

■ 60.6169, 65.6144,
73.2233

■ 41.6504, 37.8635,
35.5111

■ 68.7995, 77.5865,
89.4943

■ 37.0656, 31.1549,
26.3958

■ 77.9688, 91.0020,
107.7276

■ 33.2814, 25.6176,
18.8727

■ 78.1674, 91.2967,
108.1099

■ 30.2520, 21.1846,
12.8507

■ 27.9267, 17.7817,
8.2291

■ 26.2489, 15.3262,
4.8950

■ 25.1531, 13.7221,
2.7181

■ 24.5600, 12.8537,
1.5408

Harmonies

Analogous

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



53.4328, 55.0352, 60.5205



53.3865, 55.0352, 58.8480



53.0503, 55.0352, 57.4883

Triad

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



53.3865, 55.0352, 58.8480



51.4518, 55.0352, 57.8364



52.1020, 55.0352, 63.1759

Complementary

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



53.3865, 55.0352, 58.8480



54.0292, 57.9737, 64.2202

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.



51.5752, 55.0352, 62.4275



53.3865, 55.0352, 58.8480



51.2017, 55.0352, 59.3314

Square

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



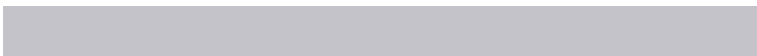
53.3865, 55.0352, 58.8480



51.9322, 55.0352, 56.9118



51.2467, 55.0352, 61.0130



52.6882, 55.0352, 63.0406

Rectangle

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



53.3865, 55.0352, 58.8480



52.7085, 55.0352, 56.9322



51.2467, 55.0352, 61.0130



51.9122, 55.0352, 63.0188

Sweetspot

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



53.3881, 55.0376, 58.8492



93.8344, 98.2214, 106.4828



54.3103, 55.4052, 63.7096



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



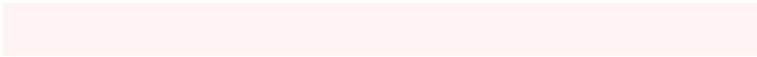
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3881, 55.0376, 58.8492



89.1329, 91.3425, 97.1345



54.2895, 56.8405, 59.1497



11.7575, 12.0115, 12.7361



15.6743, 8.0816, 0.7338



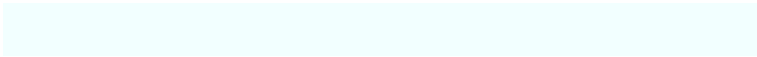
0.8088, 0.4172, 0.0379

Inverse Universe

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



54.0292, 57.9737, 64.2202



90.5120, 97.6578, 108.6871



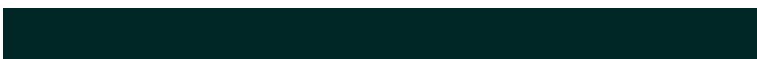
53.1036, 56.1225, 63.9116



11.9606, 12.9418, 14.4380



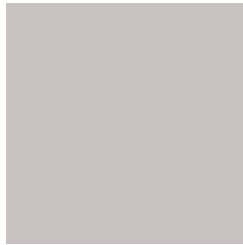
20.4372, 29.8984, 40.6501



1.0545, 1.5427, 2.0971

Previews

White Background



This preview shows how the XYZ color 53.3865, 55.0352, 58.8480 looks on a white background.

Color Contrast Check

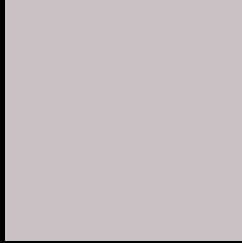
Large Text (above 18pt) WCAG AA × Fail

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 53.3865, 55.0352, 58.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

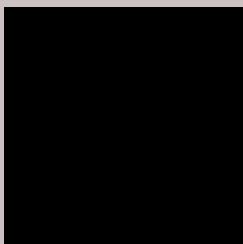
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

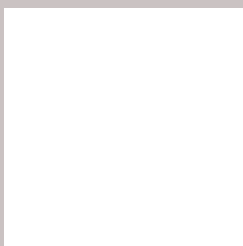
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3865, 55.0352, 58.8480

Background



This preview shows how black text looks on a background with the XYZ color 53.3865, 55.0352, 58.8480.

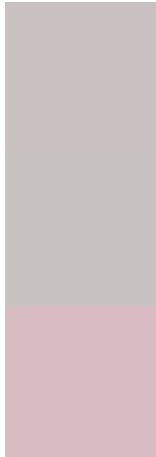


This preview shows how white text looks on a background with the XYZ color 53.3865, 55.0352,

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

53.3865, 55.0352, 58.8480

Protanopia

52.8059, 55.0674, 58.8848

Deuteranopia

56.0723, 54.7824, 59.2485



Tritanopia

55.0140, 55.0416, 66.7560

Trichromacy



Original Color

53.3865, 55.0352, 58.8480

Protanomaly

53.0721, 55.2046, 58.8973

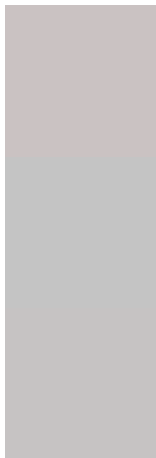
Deuteranomaly

55.0595, 54.9034, 59.3252

Tritanomaly

54.3592, 55.1007, 63.6476

Monochromacy



Original Color

53.3865, 55.0352, 58.8480

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6541, 54.9761, 59.4660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3865, 55.0352, 58.8480 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(202, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 194)  
}
```

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(202, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.3865, 55.0352, 58.8480 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(202, 194, 194) }
```


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

```
.border{ border-color:rgb(202, 194, 194) }
```

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

Here you see how a box with a 4 pixel rgb(202, 194, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3865, 55.0352, 58.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 194) }
```

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

```
.background{ background-color: rgb(202,  
194, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor