

Converting Colors

XYZ(54.4295, 58.0998, 60.7488)

Have a look what the booklet for
XYZ(54.4295, 58.0998, 60.7488)
contains.

XYZ(54.3730, 58.2323, 60.5988)	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(54.3730, 58.2323,
60.5988)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CAC4
RGB	198, 202, 196
RGB Percent	78%, 79%, 77%
CMY	0.2235, 0.2078, 0.2314
CMYK	0.02, 0.00, 0.03, 0.21
HSL	100°, 5%, 78%
HSV	100°, 3%, 79%
XYZ	54.3730, 58.2323, 60.5988
YIQ	200.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

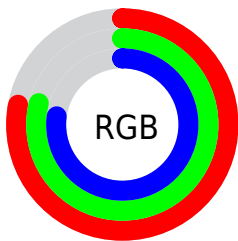
Format	Color
RYB	196, 202, 200
Decimal	13028036
CIELab	80.87, -2.47, 2.50
CIElCh	81, 3.513, 134.598
Yxy	58.2323, 0.3139, 0.3362
Android (android.graphics.Color)	4291218116 (0xFFC6CAC4)
YUV	200.1200, -2.0312, -1.8592
Hunter-Lab	76.3101, -6.3566, 6.3341

Details

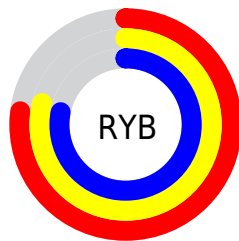
The XYZ color **54.3730, 58.2323, 60.5988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2223, 56.0251, 63.8362**, and the grayscale version is **54.9873, 57.8509, 62.9996**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **26.9740, 29.0621, 29.7790** is the 20% darker color. If you saturate the color by 10%, you get **48.8326, 55.6258, 49.1343**, and if you desaturate by 10%, it is **60.5422, 61.1305, 73.7112**.

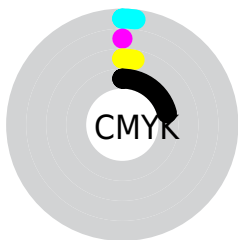
Distribution



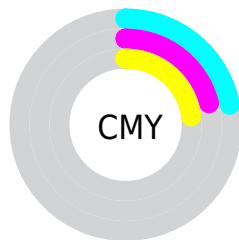
- Red (78%)
- Green (79%)
- Blue (77%)



- Red (77%)
- Yellow (79%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3730, 58.2323, 60.5988 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 54.3730, 58.2323, 60.5988 by changing the saturation by 10% instead.

■ 54.3730, 58.2323,
60.5988

■ 54.3730, 58.2323,
60.5988

393.7060,
418.0510, 444.6672

■ 39.1318, 41.9954,
43.4730

95.7754, 102.2611,
107.2497

■ 27.0435, 29.0977,
29.9223

122.6673,
130.8218, 137.6118

■ 17.7426, 19.1548,
19.5281

154.1735,
164.2592, 173.2232

■ 10.8639, 11.7822,
11.8718

190.6593,
202.9577, 214.5024

■ 6.0420, 6.5955,
6.5350

232.4901,
247.3018, 261.8678

■ 2.9116, 3.2105,
3.0990

280.0312,

■ 1.1072, 1.2426,

297.6757, 315.7380

1.1454

333.6481,
354.4640, 376.5317

■ 0.0311, 0.0961,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3730, 58.2323,
60.5988

■ 54.3730, 58.2323,
60.5988

■ 48.8326, 55.6258,
49.1343

■ 60.5422, 61.1305,
73.7112

■ 43.8957, 53.2944,
39.2488

■ 67.3547, 64.3215,
88.5292

■ 39.5422, 51.2310,
30.8741

■ 74.5717, 67.7127,
103.7472

■ 35.7491, 49.4252,
23.9358

■ 79.2762, 70.1380,
103.9674

■ 32.4918, 47.8662,
18.3529

■ 80.4116, 70.7233,
104.0205

■ 29.7437, 46.5422,
14.0364

■ 27.4756, 45.4403,
10.8869

■ 25.6546, 44.5461,
8.7898

■ 24.2430, 43.8431,
7.6073

Harmonies

Analogous

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



54.9967, 58.2323, 59.6118



54.3730, 58.2323, 60.5988



54.0122, 58.2323, 62.3485

Triad

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



54.3730, 58.2323, 60.5988



54.9779, 58.2323, 67.3409



56.7109, 58.2323, 62.4021

Complementary

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



54.3730, 58.2323, 60.5988



54.2223, 56.0251, 63.8362

Split Complementary

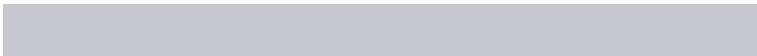
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7058, 58.2323, 64.4736



54.3730, 58.2323, 60.5988



55.7009, 58.2323, 67.3560

Square

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



54.3730, 58.2323, 60.5988



54.3593, 58.2323, 66.2558



56.3347, 58.2323, 66.2967



56.3487, 58.2323, 60.6373

Rectangle

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



54.3730, 58.2323, 60.5988



53.9673, 58.2323, 63.7263



56.3347, 58.2323, 66.2967



56.7522, 58.2323, 63.0849

Sweetspot

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



54.3746, 58.2348, 60.6001



94.0192, 99.5157, 106.7229



54.9775, 57.8531, 60.4946



20.1349, 21.3056, 22.8660



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.



54.3746, 58.2348, 60.6001



90.9924, 98.0929, 100.3642



53.9653, 58.0106, 61.1775



12.0062, 12.9940, 13.1601



15.1779, 27.9998, 4.6045



0.8633, 1.4859, 0.2413

Inverse Universe

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



54.2223, 56.0251, 63.8362



90.6430, 93.0252, 107.7860



54.6418, 56.2550, 63.2393



11.9526, 12.2168, 14.2985



13.3579, 6.0938, 36.4284



0.7675, 0.3548, 1.8830

Previews

White Background



This preview shows how the XYZ color 54.3730, 58.2323, 60.5988 looks on a white background.

Color Contrast Check

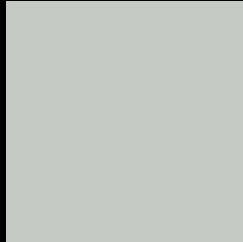
Large Text (above 18pt) WCAG AA × Fail

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 54.3730, 58.2323, 60.5988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

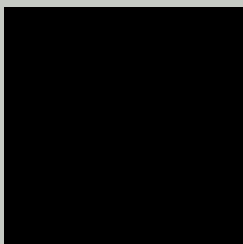
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

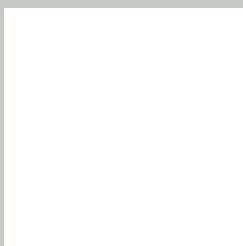
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3730, 58.2323, 60.5988

Background



This preview shows how black text looks on a background with the XYZ color 54.3730, 58.2323, 60.5988.

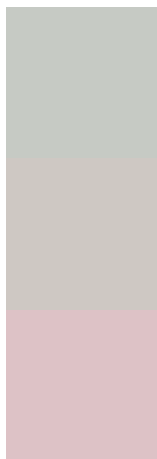


This preview shows how white text looks on a background with the XYZ color 54.3730, 58.2323,

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

54.3730, 58.2323, 60.5988

Protanopia

55.9582, 58.3705, 59.9471

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

56.7766, 58.1707, 72.5256

Trichromacy



Original Color

54.3730, 58.2323, 60.5988

Protanomaly

55.3656, 58.4099, 59.9859

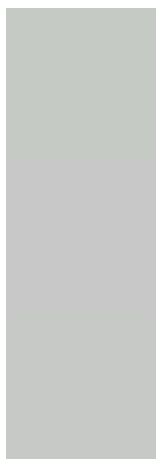
Deuteranomaly

57.4849, 58.1099, 61.0099

Tritanomaly

55.8589, 58.1420, 67.9530

Monochromacy



Original Color

54.3730, 58.2323, 60.5988

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7486, 58.0389, 62.3499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3730, 58.2323, 60.5988 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(198, 202, 196) looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 196)  
}
```

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(198, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 54.3730, 58.2323, 60.5988 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(198, 202, 196) }
```


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

```
.border{ border-color:rgb(198, 202, 196) }
```

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

Here you see how a box with a 4 pixel rgb(198, 202, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3730, 58.2323, 60.5988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 196) }
```

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

```
.background{ background-color: rgb(198,  
202, 196) }
```

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