

Converting Colors

XYZ(52.9116, 55.4789, 60.5661)

Have a look what the booklet for
XYZ(52.9116, 55.4789, 60.5661)
contains.

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Color

**XYZ(52.8439, 55.3814,
60.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C4C5
RGB	197, 196, 197
RGB Percent	77%, 77%, 77%
CMY	0.2274, 0.2314, 0.2274
CMYK	0.00, 0.01, 0.00, 0.23
HSL	300°, 1%, 77%
HSV	300°, 1%, 77%
XYZ	52.8439, 55.3814, 60.7278
YIQ	196.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

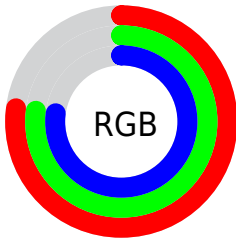
Format	Color
R_{YB}	197, 196, 197
Decimal	12960965
CIE Lab	79.26, 0.53, -0.39
CIE LCh	79, 0.659, 324.080
Yxy	55.3814, 0.3128, 0.3278
Android (android.graphics.Color)	4291151045 (0xFFC5C4C5)
YUV	196.4130, 0.2894, 0.5148
Hunter-Lab	74.4187, -3.4818, 3.7107

Details

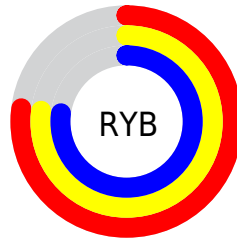
The XYZ color **52.8439, 55.3814, 60.7278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6972, 55.6553, 60.1925**, and the grayscale version is **52.7168, 55.4622, 60.3984**.

A 20% lighter version of the original color is **93.8877, 98.4771, 107.8255**, and **25.9586, 27.1688, 29.8625** is the 20% darker color. If you saturate the color by 10%, you get **48.6887, 47.0716, 59.3437**, and if you desaturate by 10%, it is **57.5857, 64.8629, 62.3088**.

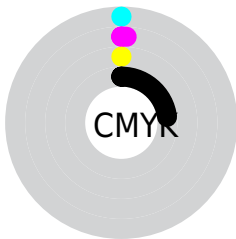
Distribution



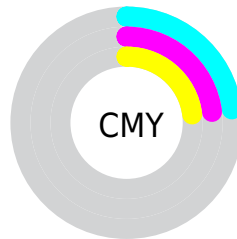
- Red (77%)
- Green (77%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8439, 55.3814, 60.7278 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 52.8439, 55.3814, 60.7278 by changing the saturation by 10% instead.

■ 52.8439, 55.3814,
60.7278

■ 52.8439, 55.3814,
60.7278

387.9566,
407.3561, 445.1541

■ 37.9051, 39.7072,
43.5764

■ 93.5415, 98.0995,
107.4384

■ 26.0860, 27.3103,
30.0029

120.0311,
125.9122, 137.8347

■ 17.0210, 17.8064,
19.5887

151.1016,
158.5399, 173.4830

■ 10.3448, 10.8111,
11.9153

187.1185,
196.3669, 214.8019

■ 5.6922, 5.9399,
6.5642

228.4471,
239.7776, 262.2099

■ 2.6977, 2.8086,
3.1168

275.4528,

■ 0.9960, 1.0326,

289.1564, 316.1256

1.1546

328.5008,
344.8878, 376.9675

■ 0.0000, 0.0000,
0.0000

■ 52.8439, 55.3814,
60.7278

■ 52.8439, 55.3814,
60.7278

■ 48.6887, 47.0716,
59.3437

■ 57.5857, 64.8629,
62.3088

■ 45.0928, 39.8812,
58.1453

■ 62.9307, 75.5516,
64.0902

■ 42.0338, 33.7645,
57.1259

■ 68.8672, 87.4232,
66.0688

■ 39.4860, 28.6701,
56.2769

■ 68.8681, 87.4236,
66.0688

■ 37.4214, 24.5423,
55.5889

■ 68.8690, 87.4241,
66.0689

■ 35.8095, 21.3199,
55.0519

■ 68.8699, 87.4246,
66.0689

■ 34.6164, 18.9351,
54.6545

■ 68.8708, 87.4250,
66.0690

■ 33.8033, 17.3102,
54.3837

■ 68.8717, 87.4255,
66.0690

■ 33.3242, 16.3533,
54.2242

■ 68.8726, 87.4260,
66.0690

Harmonies

Analogous

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



52.7418, 55.3814, 60.9661



52.8439, 55.3814, 60.7278



52.8909, 55.3814, 60.3758

Triad

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



52.8439, 55.3814, 60.7278



52.6645, 55.3814, 59.5817



52.4073, 55.3814, 60.5976

Complementary

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



52.8439, 55.3814, 60.7278



52.6972, 55.6553, 60.1925

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.



52.3866, 55.3814, 60.2261



52.8439, 55.3814, 60.7278



52.5350, 55.3814, 59.6406

Square

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



52.8439, 55.3814, 60.7278



52.7872, 55.3814, 59.7149



52.4334, 55.3814, 59.8761



52.4898, 55.3814, 60.8907

Rectangle

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



52.8439, 55.3814, 60.7278



52.8846, 55.3814, 60.1245



52.4334, 55.3814, 59.8761



52.3929, 55.3814, 60.4777

Sweetspot

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



52.8455, 55.3838, 60.7290

95.0500, 100.0000, 108.9000



52.5892, 55.2572, 60.7181



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



52.8455, 55.3838, 60.7290



94.2417, 98.3837, 108.6306



52.7904, 55.3618, 60.4388



11.8790, 12.4084, 13.6865



21.7682, 10.4562, 35.6153



1.0308, 0.4951, 1.6864

Inverse Universe

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



52.7317, 55.3383, 60.1296



93.8341, 98.2207, 106.4831



52.7520, 55.6772, 60.4818



11.8315, 12.3894, 13.4362



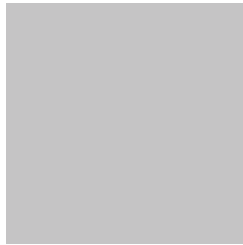
15.1454, 7.8077, 0.7096



0.7172, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 52.8439, 55.3814, 60.7278 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 52.8439, 55.3814, 60.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

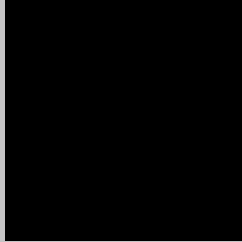
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

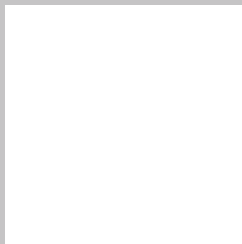
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8439, 55.3814, 60.7278

Background



This preview shows how black text looks on a background with the XYZ color 52.8439, 55.3814, 60.7278.

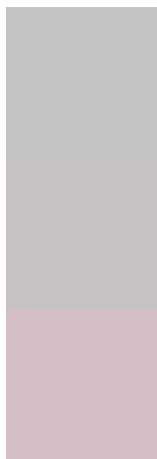


This preview shows how white text looks on a background with the XYZ color 52.8439, 55.3814,

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

52.8439, 55.3814, 60.7278

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

54.3536, 55.3291, 68.1364

Trichromacy



Original Color

52.8439, 55.3814, 60.7278

Protanomaly

52.8819, 55.0672, 60.6652

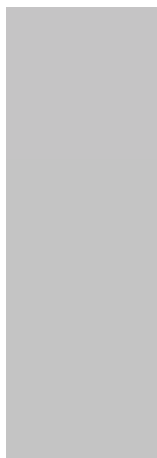
Deuteranomaly

55.0551, 55.1864, 61.1764

Tritanomaly

53.8233, 55.4438, 65.6225

Monochromacy



Original Color

52.8439, 55.3814, 60.7278

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4687, 55.2011, 60.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8439, 55.3814, 60.7278 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(197, 196, 197) looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 197)  
}
```

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(197, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.8439, 55.3814, 60.7278 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(197, 196, 197) }
```

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

```
.border{ border-color:rgb(197, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 52.8439, 55.3814, 60.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 197) }
```

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

```
.background{ background-color: rgb(197,  
196, 197) }
```

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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