

Converting Colors

XYZ(55.0830, 58.3992, 59.5501)

Have a look what the booklet for
XYZ(55.0830, 58.3992, 59.5501)
contains.

XYZ(54.9814, 58.2249, 59.3796)	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(54.9814, 58.2249,
59.3796)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C2
RGB	202, 201, 194
RGB Percent	79%, 79%, 76%
CMY	0.2078, 0.2117, 0.2392
CMYK	0.00, 0.00, 0.04, 0.21
HSL	53°, 7%, 78%
HSV	53°, 4%, 79%
XYZ	54.9814, 58.2249, 59.3796
YIQ	200.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

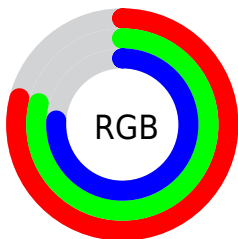
Format	Color
R_{YB}	195, 202, 194
Decimal	13289922
CIE Lab	80.86, -0.91, 3.60
CIE LCh	81, 3.717, 104.113
Yxy	58.2249, 0.3186, 0.3374
Android (android.graphics.Color)	4291480002 (0xFFCAC9C2)
YUV	200.5010, -3.2050, 1.3146
Hunter-Lab	76.3052, -4.9168, 7.2751

Details

The XYZ color **54.9814, 58.2249, 59.3796** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4239, 54.7631, 63.6852**, and the grayscale version is **55.2280, 58.1041, 63.2754**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.3801, 29.0568, 28.9764** is the 20% darker color. If you saturate the color by 10%, you get **52.2841, 56.2171, 48.0382**, and if you desaturate by 10%, it is **58.0000, 60.3804, 72.3510**.

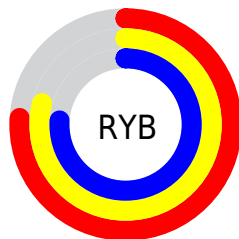
Distribution



Red (79%)

Green (79%)

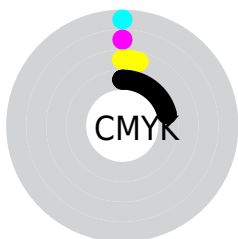
Blue (76%)



Red (76%)

Yellow (79%)

Blue (76%)

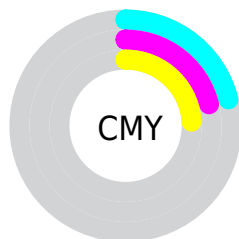


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9814, 58.2249, 59.3796 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 54.9814, 58.2249, 59.3796 by changing the saturation by 10% instead.

■ 54.9814, 58.2249,
59.3796

■ 54.9814, 58.2249,
59.3796

395.9790,
418.0234, 440.0482

■ 39.6206, 41.9895,
42.4968

■ 96.6622, 102.2503,
105.4637

■ 27.4258, 29.0931,
29.1620

123.7129,
130.8091, 135.5021

■ 18.0315, 19.1512,
18.9568

155.3910,
164.2444, 170.7626

■ 11.0724, 11.7796,
11.4625

192.0617,
202.9407, 211.6640

■ 6.1832, 6.5938,
6.2608

234.0906,
247.2824, 258.6247

■ 2.9985, 3.2094,
2.9330

281.8428,

■ 1.1530, 1.2420,

297.6538, 312.0633

1.0605

335.6838,
354.4393, 372.3983

■ 0.0688, 0.0956,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9814, 58.2249,
59.3796

■ 54.9814, 58.2249,
59.3796

■ 52.2841, 56.2171,
48.0382

■ 58.0000, 60.3804,
72.3510

■ 49.8909, 54.3442,
38.2579

■ 61.3467, 62.6807,
87.0101

■ 47.7900, 52.6036,
29.9705

■ 65.0343, 65.1329,
103.4162

■ 45.9674, 50.9895,
23.1014

■ 65.7188, 66.3994,
103.9604

■ 44.4075, 49.4954,
17.5692

■ 66.3490, 67.6599,
104.1704

■ 43.0933, 48.1147,
13.2845

■ 66.9891, 68.9400,
104.3838

■ 42.0056, 46.8396,
10.1472

■ 67.6391, 70.2399,
104.6004

■ 41.1226, 45.6611,
8.0413

■ 68.2989, 71.5596,
104.8204

■ 40.4175, 44.5686,
6.8267

■ 68.9687, 72.8992,
105.0437

Harmonies

Analogous

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



55.7466, 58.2249, 59.4121



54.9814, 58.2249, 59.3796



54.3185, 58.2249, 60.4060

Triad

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



54.9814, 58.2249, 59.3796



54.2866, 58.2249, 66.3895



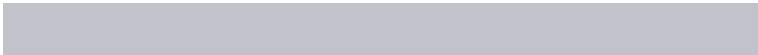
56.7749, 58.2249, 64.5629

Complementary

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



54.9814, 58.2249, 59.3796



52.4239, 54.7631, 63.6852

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.



56.3763, 58.2249, 66.4851



54.9814, 58.2249, 59.3796



54.9374, 58.2249, 67.5563

Square

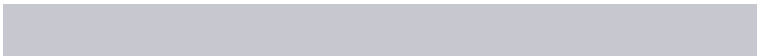
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.9814, 58.2249, 59.3796



53.9199, 58.2249, 64.4348



55.7022, 58.2249, 67.5917



56.7869, 58.2249, 62.3704

Rectangle

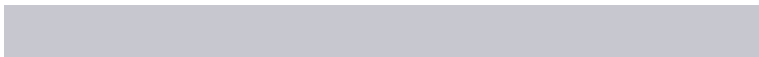
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9814, 58.2249, 59.3796



54.0219, 58.2249, 61.5667



55.7022, 58.2249, 67.5917



56.6815, 58.2249, 65.2633

Sweetspot

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



54.9830, 58.2274, 59.3809



94.5409, 99.6344, 106.7183



53.5076, 55.0841, 59.4823



20.2410, 21.3297, 22.8651



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.



54.9830, 58.2274, 59.3809



92.5601, 98.1968, 98.2768



54.4298, 58.2882, 59.4217



12.2621, 13.0207, 12.9044



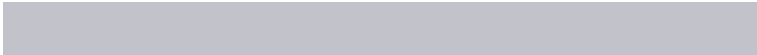
25.8151, 28.3631, 4.1140



1.3660, 1.5317, 0.2237

Inverse Universe

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



52.4239, 54.7631, 63.6852



87.0558, 90.7454, 107.5350



52.9618, 54.7100, 63.6466



11.4512, 11.9230, 14.2682



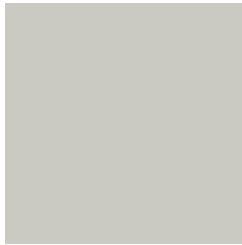
7.1217, 3.2674, 36.2116



0.4056, 0.2450, 1.8808

Previews

White Background



This preview shows how the XYZ color 54.9814, 58.2249, 59.3796 looks on a white background.

Color Contrast Check

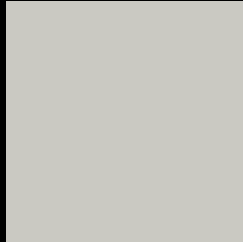
Large Text (above 18pt) WCAG AA × Fail

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 54.9814, 58.2249, 59.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

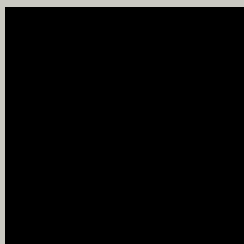
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

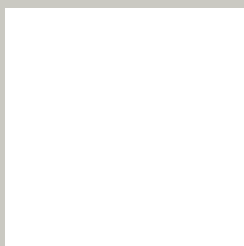
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9814, 58.2249, 59.3796

Background



This preview shows how black text looks on a background with the XYZ color 54.9814, 58.2249, 59.3796.

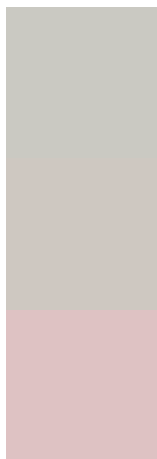


This preview shows how white text looks on a background with the XYZ color 54.9814, 58.2249,

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

54.9814, 58.2249, 59.3796

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

59.2663, 58.0533, 59.7115



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

54.9814, 58.2249, 59.3796

Protanomaly

55.4568, 58.1379, 58.7509

Deuteranomaly

57.8409, 58.3197, 59.8380

Tritanomaly

56.5877, 58.1892, 67.2806

Monochromacy



Original Color

54.9814, 58.2249, 59.3796

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1671, 58.2680, 61.7653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9814, 58.2249, 59.3796 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, 201, 194) looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 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, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.9814, 58.2249, 59.3796 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, 201, 194) }
```


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

```
.border{ border-color:rgb(202, 201, 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, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9814, 58.2249, 59.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 194) }
```

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

```
.background{ background-color: rgb(202,  
201, 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