

Converting Colors

XYZ(53.9464, 58.9604, 58.2579)

Have a look what the booklet for
XYZ(53.9464, 58.9604, 58.2579)
contains.

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Color

**XYZ(54.1107, 59.2042,
58.4448)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CDC0
RGB	196, 205, 192
RGB Percent	77%, 80%, 75%
CMY	0.2314, 0.1961, 0.2471
CMYK	0.04, 0.00, 0.06, 0.20
HSL	102°, 12%, 78%
HSV	102°, 6%, 80%
XYZ	54.1107, 59.2042, 58.4448
YIQ	200.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

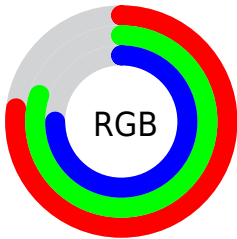
Format	Color
RYB	192, 205, 201
Decimal	12897728
CIELab	81.40, -5.45, 5.40
CIELCh	81, 7.667, 135.248
Yxy	59.2042, 0.3150, 0.3447
Android (android.graphics.Color)	4291087808 (0xFFC4CDC0)
YUV	200.8270, -4.3517, -4.2333
Hunter-Lab	76.9443, -9.1232, 8.8259

Details

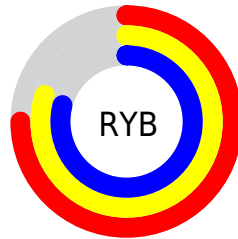
The XYZ color **54.1107, 59.2042, 58.4448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9588, 54.5262, 65.4414**, and the grayscale version is **55.4382, 58.3253, 63.5163**.

A 20% lighter version of the original color is **93.2113, 99.1800, 103.0378**, and **26.8821, 29.7481, 28.7512** is the 20% darker color. If you saturate the color by 10%, you get **48.4767, 56.5459, 47.1384**, and if you desaturate by 10%, it is **60.4138, 62.1743, 71.4366**.

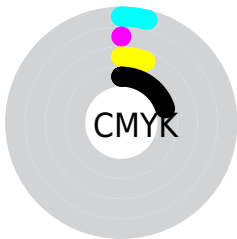
Distribution



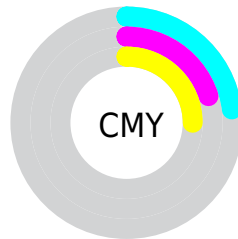
- Red (77%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1107, 59.2042, 58.4448 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 54.1107, 59.2042, 58.4448 by changing the saturation by 10% instead.

■ 54.1107, 59.2042,
58.4448

■ 54.1107, 59.2042,
58.4448

392.7235,
421.6582, 436.4858

■ 38.9212, 42.7775,
41.7493

■ 95.3927, 103.6744,
104.0915

■ 26.8789, 29.7106,
28.5809

122.2159,
132.4867, 133.8797

■ 17.6184, 19.6190,
18.5212

153.6477,
166.1963, 168.8693

■ 10.7744, 12.1184,
11.1515

190.0535,
205.1877, 209.4787

■ 5.9815, 6.8244,
6.0534

231.7986,
249.8451, 256.1265

■ 2.8744, 3.3525,
2.8083

279.2484,

■ 1.0877, 1.3184,

300.5531, 309.2313

0.9976

332.7683,
357.6960, 369.2115

■ 0.0148, 0.1554,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1107, 59.2042,
58.4448

■ 54.1107, 59.2042,
58.4448

■ 48.4767, 56.5459,
47.1384

■ 60.4138, 62.1743,
71.4366

■ 43.4843, 54.1816,
37.4446

■ 67.4026, 65.4582,
86.1749

■ 39.1110, 52.1031,
29.2910

■ 75.0993, 69.0677,
102.7224

■ 35.3314, 50.2988,
22.5982

■ 80.3107, 71.7265,
104.2195

■ 32.1180, 48.7566,
17.2796

■ 81.1225, 72.1450,
104.2575

■ 29.4410, 47.4632,
13.2396

■ 27.2675, 46.4040,
10.3702

■ 25.5603, 45.5625,
8.5457

■ 24.2747, 44.9193,
7.6062

Harmonies

Analogous

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



55.4649, 59.2042, 56.3145



54.1107, 59.2042, 58.4448



53.3428, 59.2042, 62.2411

Triad

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



54.1107, 59.2042, 58.4448



55.4904, 59.2042, 73.3841



59.2989, 59.2042, 62.1690

Complementary

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



54.1107, 59.2042, 58.4448



53.9588, 54.5262, 65.4414

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.



59.3061, 59.2042, 66.7378



54.1107, 59.2042, 58.4448



57.0865, 59.2042, 73.3625

Square

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



54.1107, 59.2042, 58.4448



54.1291, 59.2042, 70.9390



58.4897, 59.2042, 70.8814



58.4704, 59.2042, 58.3942

Rectangle

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



54.1107, 59.2042, 58.4448



53.2573, 59.2042, 65.2743



58.4897, 59.2042, 70.8814



59.3980, 59.2042, 63.6591

Sweetspot

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



54.1123, 59.2067, 58.4461



92.9524, 99.0122, 104.5724



55.5531, 58.5064, 58.2350



19.9176, 21.2031, 22.4281



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.



54.1123, 59.2067, 58.4461



86.9305, 96.1738, 92.2763



53.3521, 58.7840, 59.8007



11.3872, 12.7015, 11.9309



14.9551, 27.8850, 4.5941



0.8495, 1.4787, 0.2407

Inverse Universe

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



53.9588, 54.5262, 65.4414



86.6130, 86.4972, 106.7384



54.7625, 54.9735, 63.9880



11.3387, 11.2239, 14.1392



13.8998, 6.3732, 36.4538



0.7924, 0.3676, 1.8841

Previews

White Background



This preview shows how the XYZ color 54.1107, 59.2042, 58.4448 looks on a white background.

Color Contrast Check

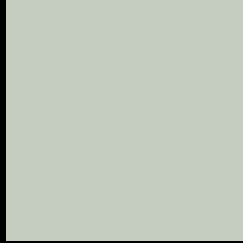
Large Text (above 18pt) WCAG AA × Fail

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 54.1107, 59.2042, 58.4448 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

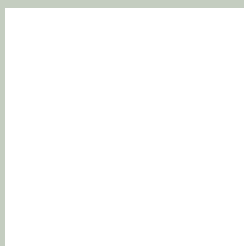
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1107, 59.2042, 58.4448

Background



This preview shows how black text looks on a background with the XYZ color 54.1107, 59.2042, 58.4448.



This preview shows how white text looks on a background with the XYZ color 54.1107, 59.2042,

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

54.1107, 59.2042, 58.4448

Protanopia

56.4754, 59.0463, 57.1357

Deuteranopia

60.3040, 58.9328, 59.2357



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

54.1107, 59.2042, 58.4448

Protanomaly

55.4263, 58.8400, 57.7262

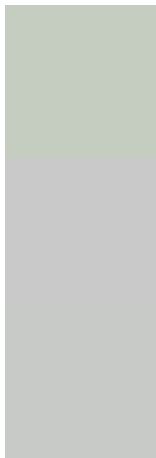
Deuteranomaly

57.7806, 58.9932, 58.7935

Tritanomaly

56.0589, 58.9372, 68.0959

Monochromacy



Original Color

54.1107, 59.2042, 58.4448

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8668, 58.4604, 61.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1107, 59.2042, 58.4448 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(196, 205, 192) looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 192)  
}
```

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(196, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.1107, 59.2042, 58.4448 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(196, 205, 192) }
```


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

```
.border{ border-color:rgb(196, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(196, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1107, 59.2042, 58.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 192) }
```

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

```
.background{ background-color: rgb(196,  
205, 192) }
```

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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