

Converting Colors

XYZ(54.4565, 59.4158, 57.0296)

Have a look what the booklet for
XYZ(54.4565, 59.4158, 57.0296)
contains.

XYZ(54.4143, 59.3861, 57.3099)	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(54.4143, 59.3861,
57.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDBE
RGB	198, 205, 190
RGB Percent	78%, 80%, 75%
CMY	0.2235, 0.1961, 0.2549
CMYK	0.03, 0.00, 0.07, 0.20
HSL	88°, 13%, 77%
HSV	88°, 7%, 80%
XYZ	54.4143, 59.3861, 57.3099
YIQ	201.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

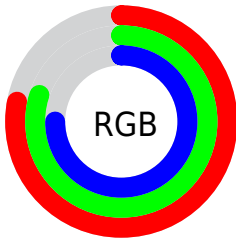
Format	Color
RYB	190, 205, 197
Decimal	13028798
CIELab	81.50, -5.10, 6.63
CIELCh	82, 8.364, 127.579
Yxy	59.3861, 0.3180, 0.3471
Android (android.graphics.Color)	4291218878 (0xFFC6CDBE)
YUV	201.1970, -5.5201, -2.8038
Hunter-Lab	77.0624, -8.8190, 9.8508

Details

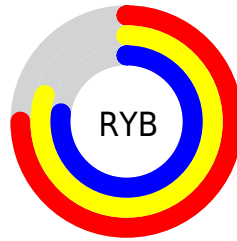
The XYZ color **54.4143, 59.3861, 57.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4611, 53.1066, 65.2463**, and the grayscale version is **55.6738, 58.5732, 63.7862**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **27.0836, 29.8687, 28.0047** is the 20% darker color. If you saturate the color by 10%, you get **49.8866, 57.2947, 46.2129**, and if you desaturate by 10%, it is **59.4199, 61.6909, 70.0770**.

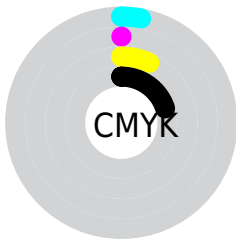
Distribution



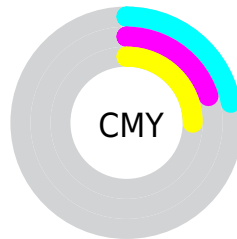
- Red (78%)
- Green (80%)
- Blue (75%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4143, 59.3861, 57.3099 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 54.4143, 59.3861, 57.3099 by changing the saturation by 10% instead.

■ 54.4143, 59.3861,
57.3099

■ 54.4143, 59.3861,
57.3099

393.8605,
422.3312, 432.1358

■ 39.1650, 42.9240,
40.8431

■ 95.8356, 103.9386,
102.4221

■ 27.0694, 29.8255,
27.8777

122.7383,
132.7978, 131.9045

■ 17.7622, 19.7062,
17.9953

154.2562,
166.5582, 166.5625

■ 10.8780, 12.1816,
10.7772

190.7546,
205.6041, 206.8147

■ 6.0516, 6.8675,
5.8049

232.5989,
250.3200, 253.0796

■ 2.9174, 3.3794,
2.6600

280.1544,

■ 1.1102, 1.3329,

301.0902, 305.7757

0.9232

333.7865,
358.2992, 365.3216

■ 0.0337, 0.1664,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4143, 59.3861,
57.3099

■ 54.4143, 59.3861,
57.3099

■ 49.8866, 57.2947,
46.2129

■ 59.4199, 61.6909,
70.0770

■ 45.8158, 55.4022,
36.7129

■ 64.9137, 64.2079,
84.5752

■ 42.1867, 53.7041,
28.7375

■ 70.9117, 66.9456,
100.8674

■ 38.9810, 52.1927,
22.2069

■ 74.5676, 68.7658,
103.9507

■ 36.1791, 50.8598,
17.0342

■ 77.8358, 70.4506,
104.1037

■ 33.7593, 49.6964,
13.1230

■ 81.1225, 72.1450,
104.2575

■ 31.6977, 48.6925,
10.3645

■ 29.9664, 47.8366,
8.6311

■ 28.5287, 47.1135,
7.7481

Harmonies

Analogous

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



56.0014, 59.3861, 55.5581



54.4143, 59.3861, 57.3099



53.3863, 59.3861, 61.0495

Triad

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



54.4143, 59.3861, 57.3099



55.1690, 59.3861, 74.0001



59.8517, 59.3861, 63.3968

Complementary

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



54.4143, 59.3861, 57.3099



52.4611, 53.1066, 65.2463

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.



59.6177, 59.3861, 68.4130



54.4143, 59.3861, 57.3099



56.8903, 59.3861, 74.7084

Square

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



54.4143, 59.3861, 57.3099



53.8158, 59.3861, 70.7279



58.5250, 59.3861, 72.6161



59.1579, 59.3861, 58.9521

Rectangle

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



54.4143, 59.3861, 57.3099



53.1441, 59.3861, 64.2545



58.5250, 59.3861, 72.6161



59.8792, 59.3861, 65.0700

Sweetspot

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



54.4159, 59.3887, 57.3112



93.3692, 99.2271, 104.5920



54.4395, 56.6315, 56.7778



20.0025, 21.2468, 22.4321



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.



54.4159, 59.3887, 57.3112



87.7405, 96.6335, 90.4089



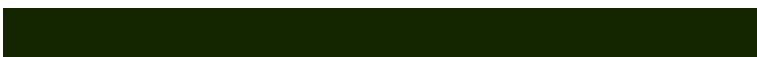
52.4876, 58.3946, 57.2209



11.6296, 12.8265, 11.9422



17.6512, 29.2748, 4.7203



0.9977, 1.5552, 0.2476

Inverse Universe

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



52.4611, 53.1066, 65.2463



83.8011, 83.9739, 106.3995



54.4742, 54.1444, 65.3405



11.0913, 11.0964, 14.1276



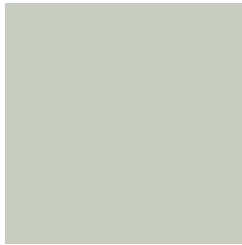
9.9507, 4.3373, 36.2690



0.6007, 0.2688, 1.8752

Previews

White Background



This preview shows how the XYZ color 54.4143, 59.3861, 57.3099 looks on a white background.

Color Contrast Check

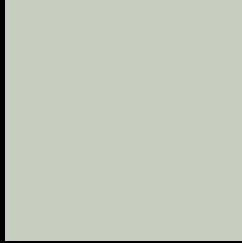
Large Text (above 18pt) WCAG AA × Fail

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 54.4143, 59.3861, 57.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

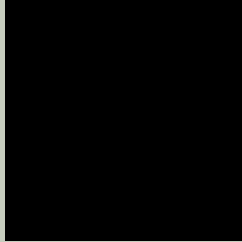
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

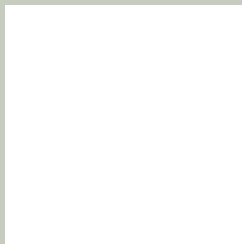
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4143, 59.3861, 57.3099

Background



This preview shows how black text looks on a background with the XYZ color 54.4143, 59.3861, 57.3099.



This preview shows how white text looks on a background with the XYZ color 54.4143, 59.3861,

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

54.4143, 59.3861, 57.3099

Protanopia

56.4921, 59.4272, 56.0701

Deuteranopia

60.3936, 59.0047, 58.0751



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color

54.4143, 59.3861, 57.3099

Protanomaly

55.7181, 59.3651, 56.6661

Deuteranomaly

58.1463, 59.2074, 57.6537

Tritanomaly

56.4704, 59.1636, 67.4749

Monochromacy



Original Color

54.4143, 59.3861, 57.3099

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0180, 58.5516, 61.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4143, 59.3861, 57.3099 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, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 190)  
}
```

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, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.4143, 59.3861, 57.3099 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, 205, 190) }
```


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

```
.border{ border-color:rgb(198, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4143, 59.3861, 57.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 190) }
```

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

```
.background{ background-color: rgb(198,  
205, 190) }
```

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