

Converting Colors

XYZ(57.2785, 58.8880, 34.3025)

Have a look what the booklet for
XYZ(57.2785, 58.8880, 34.3025)
contains.

XYZ(57.4651, 59.0294, 34.3517)	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(57.4651, 59.0294,
34.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C68F
RGB	229, 198, 143
RGB Percent	90%, 78%, 56%
CMY	0.1020, 0.2235, 0.4392
CMYK	0.00, 0.14, 0.38, 0.10
HSL	38°, 62%, 73%
HSV	38°, 38%, 90%
XYZ	57.4651, 59.0294, 34.3517
YIQ	200.9990, 36.1310, -10.5330

Conversions

Conversions Part 2

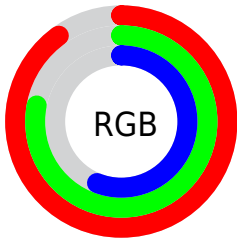
Format	Color
RYB	191, 229, 143
Decimal	15058575
CIELab	81.31, 3.36, 31.62
CIELCh	81, 31.797, 83.933
Yxy	59.0294, 0.3810, 0.3913
Android (android.graphics.Color)	4293248655 (0xFFE5C68F)
YUV	200.9990, -28.5935, 24.5569
Hunter-Lab	76.8306, -0.9453, 27.2723

Details

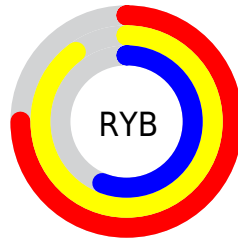
The XYZ color **57.4651, 59.0294, 34.3517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.6061, 41.7674, 80.0504**, and the grayscale version is **55.6740, 58.5734, 63.7864**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **28.9183, 29.4899, 14.2932** is the 20% darker color. If you saturate the color by 10%, you get **54.0694, 54.7365, 25.5172**, and if you desaturate by 10%, it is **61.3208, 63.6751, 45.0878**.

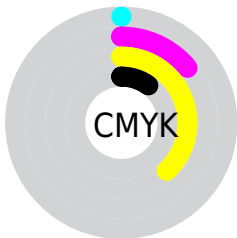
Distribution



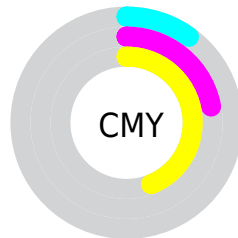
- Red (90%)
- Green (78%)
- Blue (56%)



- Red (75%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4651, 59.0294, 34.3517 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 57.4651, 59.0294, 34.3517 by changing the saturation by 10% instead.

■ 57.4651, 59.0294,
34.3517

■ 57.4651, 59.0294,
34.3517

405.1759,
421.0109, 336.5143

■ 41.6204, 42.6368,
22.8844

■ 100.2710,
103.4204, 67.6204

■ 28.9940, 29.6002,
14.3037

■ 127.9628,
132.1876, 90.2588

■ 19.2205, 19.5354,
8.1910

160.3344,
165.8484, 117.4579

■ 11.9347, 12.0577,
4.1279

197.7511,
204.7872, 149.6364

■ 6.7711, 6.7830,
1.6958

240.5782,
249.3885, 187.2128

■ 3.3644, 3.3268,
0.3578

289.1811,

■ 1.3493, 1.3046,

300.0366, 230.6055

0.0000

343.9252,
357.1159, 280.2332

■ 0.2196, 0.1448,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4651, 59.0294,
34.3517

■ 57.4651, 59.0294,
34.3517

■ 54.0694, 54.7365,
25.5172

■ 61.3208, 63.6751,
45.0878

■ 51.1058, 50.7761,
18.4659

■ 65.6533, 68.6764,
57.8270

■ 48.5502, 47.1382,
13.0718

■ 70.4842, 74.0466,
72.6679

■ 46.3734, 43.8084,
9.1904

■ 75.8322, 79.7955,
89.7013

■ 44.5417, 40.7703,
6.6522

■ 81.3093, 85.7704,
106.8776

■ 43.0102, 38.0031,
5.2293

■ 83.7847, 90.7212,
107.7028

■ 42.6642, 37.3603,
4.9626

■ 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



63.9583, 59.0294, 39.0273



57.4651, 59.0294, 34.3517



51.0867, 59.0294, 36.3228

Triad

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



57.4651, 59.0294, 34.3517



45.2320, 59.0294, 80.2671



67.0652, 59.0294, 88.2776

Complementary

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



57.4651, 59.0294, 34.3517



40.6061, 41.7674, 80.0504

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.



61.4430, 59.0294, 103.7958



57.4651, 59.0294, 34.3517



48.9236, 59.0294, 98.5698

Square

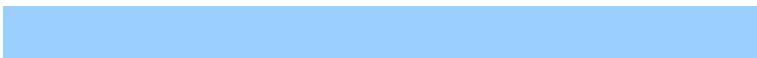
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4651, 59.0294, 34.3517



44.3494, 59.0294, 60.4876



54.7679, 59.0294, 107.8919



69.7751, 59.0294, 68.2131

Rectangle

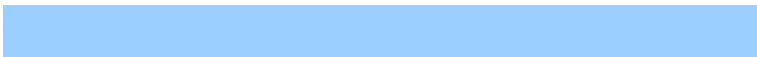
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4651, 59.0294, 34.3517



47.7098, 59.0294, 41.3841



54.7679, 59.0294, 107.8919



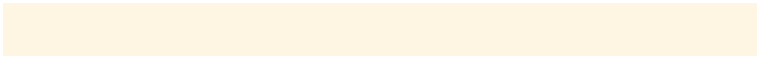
65.4329, 59.0294, 94.3459

Sweetspot

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



57.4666, 59.0321, 34.3529



87.7176, 92.0420, 85.7795



49.8280, 39.3804, 45.2931



18.5937, 19.4996, 17.8011



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.



57.4666, 59.0321, 34.3529



69.9486, 71.0739, 34.9396



61.7514, 72.8554, 36.7952



15.1419, 15.8976, 15.1749



24.5114, 21.5969, 2.8767



1.8986, 1.7705, 0.2417

Inverse Universe

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



40.6061, 41.7674, 80.0504



45.5548, 46.1120, 101.1072



37.3813, 32.2187, 78.3772



14.0059, 14.7331, 18.2499



9.9384, 6.9388, 43.1987



0.8201, 0.6841, 3.2208

Previews

White Background



This preview shows how the XYZ color 57.4651, 59.0294, 34.3517 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 57.4651, 59.0294, 34.3517 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 57.4651, 59.0294, 34.3517

Background



This preview shows how black text looks on a background with the XYZ color 57.4651, 59.0294, 34.3517.



This preview shows how white text looks on a background with the XYZ color 57.4651, 59.0294,

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

57.4651, 59.0294, 34.3517

Protanopia

55.1448, 59.1908, 35.3066

Deuteranopia

60.2610, 59.1225, 34.6212



Tritanopia

64.0250, 59.0676, 65.7843

Trichromacy



Original Color

57.4651, 59.0294, 34.3517

Protanomaly

56.0449, 59.3165, 34.8809

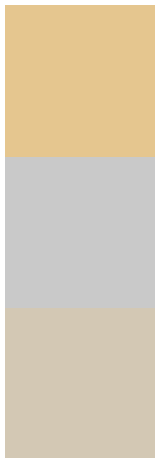
Deuteranomaly

59.1412, 58.8767, 34.6328

Tritanomaly

61.1177, 58.8410, 52.3922

Monochromacy



Original Color

57.4651, 59.0294, 34.3517

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7565, 58.4527, 51.5238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4651, 59.0294, 34.3517 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(229, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(229, 198, 143)  
}
```

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(229, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 198, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.4651, 59.0294, 34.3517 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(229, 198, 143) }
```


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

```
.border{ border-color:rgb(229, 198, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 198, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 198, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 198, 143); box-shadow:4px 4px 4px 4px rgb(229, 198, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4651, 59.0294, 34.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 198, 143) }
```

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

```
.background{ background-color: rgb(229,  
198, 143) }
```

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