

Converting Colors

XYZ(58.6708, 59.1960, 34.5031)

Have a look what the booklet for
XYZ(58.6708, 59.1960, 34.5031)
contains.

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Color

**XYZ(58.8559, 59.4081,
34.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC58F
RGB	234, 197, 143
RGB Percent	92%, 77%, 56%
CMY	0.0824, 0.2274, 0.4392
CMYK	0.00, 0.16, 0.39, 0.08
HSL	36°, 68%, 74%
HSV	36°, 39%, 92%
XYZ	58.8559, 59.4081, 34.3515
YIQ	201.9070, 39.3860, -8.9500

Conversions

Conversions Part 2

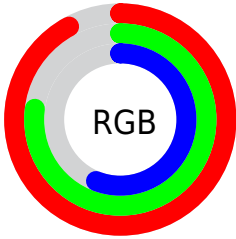
Format	Color
R _{YB}	205, 234, 143
Decimal	15385999
CIE _{Lab}	81.52, 5.85, 31.98
CIE _{LCh}	82, 32.508, 79.634
Yxy	59.4081, 0.3856, 0.3893
Android (android.graphics.Color)	4293576079 (0xFFEAC58F)
YUV	201.9070, -29.0412, 28.1456
Hunter-Lab	77.0767, 1.4189, 27.5293

Details

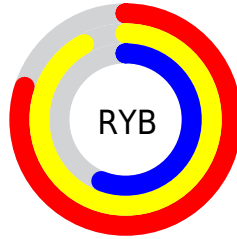
The XYZ color **58.8559, 59.4081, 34.3515** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4998, 44.4213, 84.1761**, and the grayscale version is **56.2405, 59.1694, 64.4355**.

A 20% lighter version of the original color is **86.7599, 96.1748, 66.8142**, and **29.8857, 29.7647, 14.2952** is the 20% darker color. If you saturate the color by 10%, you get **55.1729, 54.5890, 25.2717**, and if you desaturate by 10%, it is **63.0480, 64.6533, 45.4264**.

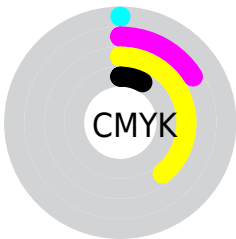
Distribution



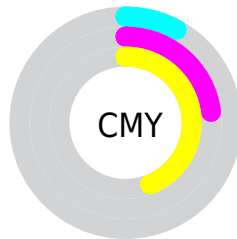
- Red (92%)
- Green (77%)
- Blue (56%)



- Red (80%)
- Yellow (92%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8559, 59.4081, 34.3515 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 58.8559, 59.4081, 34.3515 by changing the saturation by 10% instead.

 58.8559, 59.4081,
34.3515


 58.8559, 59.4081,
34.3515


410.2703,
422.4126, 336.5134

 42.7431, 42.9417,
22.8842


 102.2840,
103.9706, 67.6200

 29.8772, 29.8394,
14.3035


 130.3300,
132.8354, 90.2584

 19.8930, 19.7167,
8.1909


163.0844,
166.6019, 117.4575

 12.4251, 12.1893,
4.1278

200.9126,
205.6545, 149.6359

 7.1081, 6.8727,
1.6957

244.1800,
250.3774, 187.2122

 3.5768, 3.3826,
0.3578

293.2518,

 1.4656, 1.3346,

301.1551, 230.6048

0.0000

348.4935,
358.3721, 280.2324

■ 0.3022, 0.1678,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8559, 59.4081,
34.3515

■ 58.8559, 59.4081,
34.3515

■ 55.1729, 54.5890,
25.2717

■ 63.0480, 64.6533,
45.4264

■ 51.9688, 50.1735,
18.0606

■ 67.7684, 70.3296,
58.6050

■ 49.2168, 46.1489,
12.5826

■ 73.0404, 76.4523,
73.9924

■ 46.8848, 42.4981,
8.6823

■ 78.8846, 83.0334,
91.6856

■ 44.9356, 39.2018,
6.1757

■ 84.5044, 89.7579,
107.4789

■ 43.3135, 36.2333,
4.7856

■ 87.4501, 95.6493,
108.4608

■ 43.1456, 35.9201,
4.6593

■ 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



65.3830, 59.4081, 40.1019



58.8559, 59.4081, 34.3515



52.1768, 59.4081, 35.3909

Triad

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



58.8559, 59.4081, 34.3515



45.0031, 59.4081, 78.1298



67.0476, 59.4081, 92.1565

Complementary

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



58.8559, 59.4081, 34.3515



42.4998, 44.4213, 84.1761

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.



60.9832, 59.4081, 106.8511



58.8559, 59.4081, 34.3515



48.3983, 59.4081, 97.6920

Square

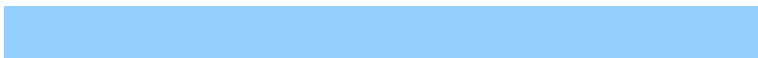
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8559, 59.4081, 34.3515



44.5338, 59.4081, 58.1663



54.1409, 59.4081, 109.0589



70.3584, 59.4081, 71.6741

Rectangle

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



58.8559, 59.4081, 34.3515



48.5140, 59.4081, 39.8784



54.1409, 59.4081, 109.0589



65.2418, 59.4081, 98.0979

Sweetspot

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



58.8574, 59.4109, 34.3527



86.6679, 90.5017, 83.7064



52.0865, 40.4708, 48.7383



18.3683, 19.1602, 17.3823



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.



58.8574, 59.4109, 34.3527



67.7617, 67.2894, 32.3938



65.8759, 77.0651, 37.3904



15.8087, 16.5403, 15.8781



24.3721, 20.4385, 2.6605



2.0079, 1.7931, 0.2403

Inverse Universe

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



42.4998, 44.4213, 84.1761



45.1800, 46.6118, 101.2235



37.3597, 32.1257, 82.0738



14.7340, 15.5544, 19.1480



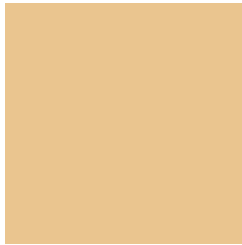
10.7680, 8.1830, 44.7549



0.9379, 0.8272, 3.5451

Previews

White Background



This preview shows how the XYZ color 58.8559, 59.4081, 34.3515 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 58.8559, 59.4081, 34.3515 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 58.8559, 59.4081, 34.3515

Background



This preview shows how black text looks on a background with the XYZ color 58.8559, 59.4081, 34.3515.



This preview shows how white text looks on a background with the XYZ color 58.8559, 59.4081,

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

58.8559, 59.4081, 34.3515

Protanopia

55.3802, 59.6616, 35.3851

Deuteranopia

60.6015, 59.2980, 34.6372



Tritanopia

65.0319, 59.2801, 65.1414

Trichromacy



Original Color

58.8559, 59.4081, 34.3515

Protanomaly

56.6612, 59.6342, 34.9097

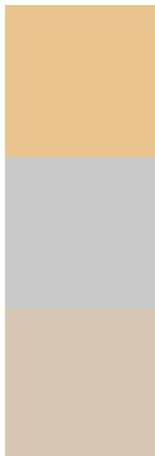
Deuteranomaly

59.8090, 59.2210, 34.6641

Tritanomaly

62.5530, 59.2538, 52.3962

Monochromacy



Original Color

58.8559, 59.4081, 34.3515

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7263, 58.9409, 52.1030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8559, 59.4081, 34.3515 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(234, 197, 143)` looks like.

```
.text, #text, p{  
    color:rgb(234, 197, 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(234, 197, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 197, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.8559, 59.4081, 34.3515 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(234, 197, 143) }
```


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

```
.border{ border-color:rgb(234, 197, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 197, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 197, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 197, 143);  
box-shadow:4px 4px 4px 4px rgb(234, 197,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8559, 59.4081, 34.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 197, 143) }
```

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

```
.background{ background-color: rgb(234,  
197, 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](#).

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