

Converting Colors

XYZ(58.8136, 55.4905, 34.9932)

Have a look what the booklet for
XYZ(58.8136, 55.4905, 34.9932)
contains.

XYZ(58.8129, 55.4740, 34.8019)	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(58.8129, 55.4740,
34.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B992
RGB	241, 185, 146
RGB Percent	95%, 73%, 57%
CMY	0.0549, 0.2745, 0.4274
CMYK	0.00, 0.23, 0.39, 0.05
HSL	25°, 77%, 76%
HSV	25°, 39%, 95%
XYZ	58.8129, 55.4740, 34.8019
YIQ	197.2980, 45.8950, -0.2570

Conversions

Conversions Part 2

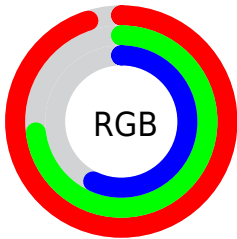
Format	Color
R _Y B	241, 212, 146
Decimal	15841682
CIE Lab	79.31, 15.24, 27.59
CIE LCh	79, 31.516, 61.090
Yxy	55.4740, 0.3945, 0.3721
Android (android.graphics.Color)	4294031762 (0xFFFF1B992)
YUV	197.2980, -25.2899, 38.3267
Hunter-Lab	74.4809, 10.6088, 24.4328

Details

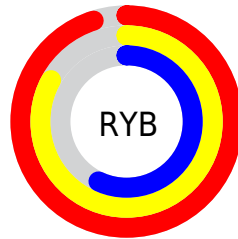
The XYZ color **58.8129, 55.4740, 34.8019** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8510, 54.7010, 91.2027**, and the grayscale version is **53.3809, 56.1609, 61.1592**.

A 20% lighter version of the original color is **83.1206, 88.3407, 67.3141**, and **29.8453, 27.3960, 14.5414** is the 20% darker color. If you saturate the color by 10%, you get **54.3078, 49.1542, 25.0058**, and if you desaturate by 10%, it is **64.0130, 62.5510, 46.7803**.

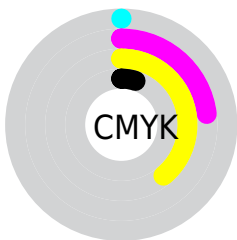
Distribution



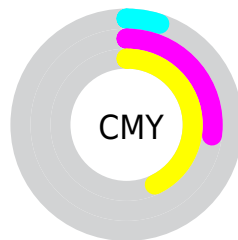
- Red (95%)
- Green (73%)
- Blue (57%)



- Red (95%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8129, 55.4740, 34.8019 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 58.8129, 55.4740, 34.8019 by changing the saturation by 10% instead.


 58.8129, 55.4740,
34.8019

 58.8129, 55.4740,
34.8019

410.1134,
407.7062, 338.5707

 42.7083, 39.7814,
23.2280


 102.2219, 98.2351,
68.3269

 29.8498, 27.3681,
14.5551


 130.2570,
126.0723, 91.1150

 19.8722, 17.8499,
8.3646


162.9996,
158.7265, 118.4782

 12.4099, 10.8423,
4.2380


200.8151,
196.5821, 150.8352

 7.0976, 5.9609,
1.7568

244.0689,
240.0235, 188.6044

 3.5701, 2.8213,
0.3992

293.1263,

 1.4619, 1.0392,

289.4350, 232.2043

0.0000

348.3527,
345.2011, 282.0536

■ 0.2997, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8129, 55.4740,
34.8019

■ 58.8129, 55.4740,
34.8019

■ 54.3078, 49.1542,
25.0058

■ 64.0130, 62.5510,
46.7803

■ 50.4596, 43.5564,
17.2539

■ 69.9350, 70.4030,
61.0609

■ 47.2329, 38.6538,
11.3975

■ 76.6093, 79.0571,
77.7586

■ 44.5863, 34.4146,
7.2655

■ 84.0634, 88.5365,
96.9797

■ 42.4717, 30.8035,
4.6555

■ 90.0856, 97.4408,
108.6677

■ 40.8190, 27.7753,
3.2500

■ 40.7327, 27.6150,
3.1834

Harmonies

Analogous

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



63.8154, 55.4740, 44.1750



58.8129, 55.4740, 34.8019



52.4959, 55.4740, 31.8925

Triad

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



58.8129, 55.4740, 34.8019



41.5009, 55.4740, 61.0651



59.2438, 55.4740, 95.3174

Complementary

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



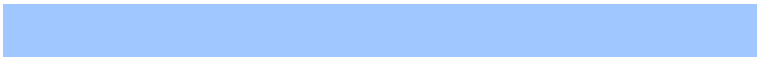
58.8129, 55.4740, 34.8019



48.8510, 54.7010, 91.2027

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.



52.9575, 55.4740, 102.2359



58.8129, 55.4740, 34.8019



43.0026, 55.4740, 80.1829

Square

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



58.8129, 55.4740, 34.8019



42.8015, 55.4740, 45.1107



47.0750, 55.4740, 96.2160



64.0779, 55.4740, 78.8082

Rectangle

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



58.8129, 55.4740, 34.8019



48.4795, 55.4740, 33.4332



47.0750, 55.4740, 96.2160



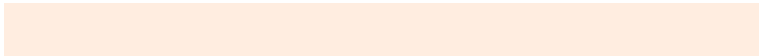
57.2143, 55.4740, 98.9742

Sweetspot

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



58.8143, 55.4766, 34.8030



85.0226, 87.2109, 83.1580



57.3343, 43.5709, 61.8885



17.9813, 18.3863, 17.2533



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.



58.8143, 55.4766, 34.8030



62.8387, 57.4435, 30.7528



70.1802, 78.2084, 38.5916



16.3058, 16.8247, 16.5378



22.2136, 15.2252, 1.7680



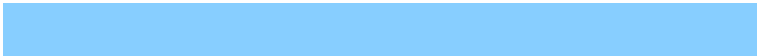
1.9435, 1.4578, 0.1789

Inverse Universe

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



48.8510, 54.7010, 91.2027



50.0871, 56.4258, 102.8591



39.5365, 36.0720, 88.0979



15.6717, 16.7774, 20.1340



13.9954, 14.2150, 47.1340



1.2620, 1.3779, 3.9537

Previews

White Background



This preview shows how the XYZ color 58.8129, 55.4740, 34.8019 looks on a white background.

Color Contrast Check

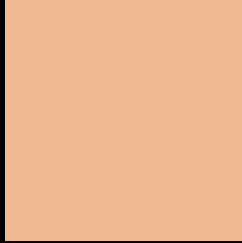
Large Text (above 18pt) WCAG AA × Fail

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 58.8129, 55.4740, 34.8019 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 58.8129, 55.4740, 34.8019

Background



This preview shows how black text looks on a background with the XYZ color 58.8129, 55.4740, 34.8019.



This preview shows how white text looks on a background with the XYZ color 58.8129, 55.4740,

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

58.8129, 55.4740, 34.8019

Protanopia

51.9042, 55.4159, 37.2388

Deuteranopia

56.9127, 55.7632, 34.5518



Tritanopia

63.6406, 55.6388, 57.2543

Trichromacy



Original Color

58.8129, 55.4740, 34.8019

Protanomaly

54.0932, 55.2414, 36.2454

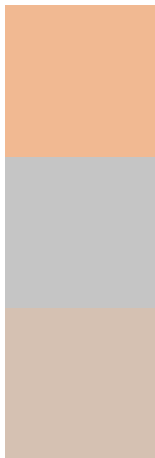
Deuteranomaly

57.6861, 55.8436, 34.5266

Tritanomaly

61.5700, 55.3760, 48.0010

Monochromacy



Original Color

58.8129, 55.4740, 34.8019

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.5464, 55.5004, 49.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8129, 55.4740, 34.8019 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(241, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 146)  
}
```

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(241, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 146) }
```

Border

The CSS property to change the border of an element to XYZ 58.8129, 55.4740, 34.8019 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(241, 185, 146) }
```


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

```
.border{ border-color:rgb(241, 185, 146) }
```

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

Here you see how a box with a 4 pixel rgb(241, 185, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8129, 55.4740, 34.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 146) }
```

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

```
.background{ background-color: rgb(241,  
185, 146) }
```

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