

Converting Colors

XYZ(58.3270, 55.0273, 33.6001)

Have a look what the booklet for
XYZ(58.3270, 55.0273, 33.6001)
contains.

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Color

**XYZ(58.3740, 54.9649,
33.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B88F
RGB	241, 184, 143
RGB Percent	95%, 72%, 56%
CMY	0.0549, 0.2784, 0.4392
CMYK	0.00, 0.24, 0.41, 0.05
HSL	25°, 78%, 75%
HSV	25°, 41%, 95%
XYZ	58.3740, 54.9649, 33.5192
YIQ	196.3690, 47.1330, -0.6670

Conversions

Conversions Part 2

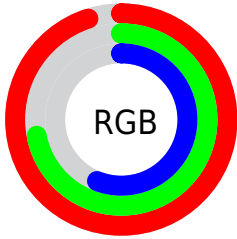
Format	Color
R _Y B	241, 213, 143
Decimal	15841423
CIE Lab	79.02, 15.43, 28.79
CIE LCh	79, 32.662, 61.800
Yxy	54.9649, 0.3975, 0.3743
Android (android.graphics.Color)	4294031503 (0xFFFF1B88F)
YUV	196.3690, -26.3109, 39.1414
Hunter-Lab	74.1383, 10.8028, 25.0908

Details

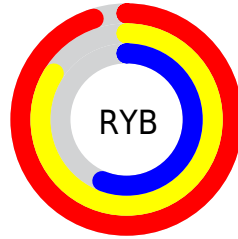
The XYZ color **58.3740, 54.9649, 33.5192** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8583, 53.4969, 91.0225**, and the grayscale version is **52.8254, 55.5764, 60.5227**.

A 20% lighter version of the original color is **82.4781, 87.6114, 65.3870**, and **29.5765, 27.0726, 13.7919** is the 20% darker color. If you saturate the color by 10%, you get **53.9723, 48.7761, 23.9919**, and if you desaturate by 10%, it is **63.4592, 61.8928, 45.2103**.

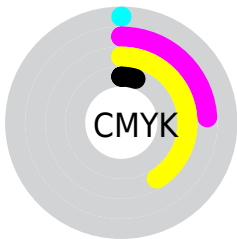
Distribution



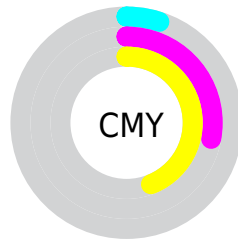
- Red (95%)
- Green (72%)
- Blue (56%)



- Red (95%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3740, 54.9649, 33.5192 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 58.3740, 54.9649, 33.5192 by changing the saturation by 10% instead.


 58.3740, 54.9649,
33.5192


 58.3740, 54.9649,
33.5192


408.5095,
405.7789, 332.6863

 42.3538, 39.3736,
22.2501


 101.5871, 97.4895,
66.3106

 29.5708, 27.0505,
13.8407

 129.5108,
125.1917, 88.6700

 19.6595, 17.6112,
7.8725


162.1330,
157.6995, 115.5633

 12.2546, 10.6712,
3.9269

199.8191,
195.3976, 147.4089

 6.9907, 5.8462,
1.5853

242.9344,
238.6701, 184.6255

 3.5026, 2.7518,
0.2803

291.8444,

 1.4248, 1.0036,

287.9016, 227.6316

0.0000

346.9143,
343.4764, 276.8457

■ 0.2738, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3740, 54.9649,
33.5192

■ 58.3740, 54.9649,
33.5192

■ 53.9723, 48.7761,
23.9919

■ 63.4592, 61.8928,
45.2103

■ 50.2162, 43.2916,
16.4887

■ 69.2548, 69.5773,
59.1862

■ 47.0701, 38.4854,
10.8587

■ 75.7912, 78.0448,
75.5628

■ 44.4923, 34.3260,
6.9280

■ 83.0957, 87.3180,
94.4471

■ 42.4343, 30.7786,
4.4890

■ 89.7947, 96.8591,
108.5707

■ 40.9137, 27.9770,
3.2437

■ 90.0856, 97.4407,
108.6677

Harmonies

Analogous

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



63.6011, 54.9649, 42.8971



58.3740, 54.9649, 33.5192



51.8508, 54.9649, 30.7258

Triad

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



58.3740, 54.9649, 33.5192



40.7193, 54.9649, 60.9791



59.1094, 54.9649, 95.7151

Complementary

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



58.3740, 54.9649, 33.5192



47.8583, 53.4969, 91.0225

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.



52.6362, 54.9649, 103.2278



58.3740, 54.9649, 33.5192



42.3237, 54.9649, 80.7612

Square

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



58.3740, 54.9649, 33.5192



41.9834, 54.9649, 44.4762



46.5561, 54.9649, 97.2614



64.0499, 54.9649, 78.4058

Rectangle

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



58.3740, 54.9649, 33.5192



47.7369, 54.9649, 32.3849



46.5561, 54.9649, 97.2614



57.0230, 54.9649, 99.6143

Sweetspot

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



58.3754, 54.9675, 33.5203



85.0921, 87.3500, 83.1812



56.5431, 42.5241, 59.9739



17.9977, 18.4190, 17.2588



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.



58.3754, 54.9675, 33.5203



62.0686, 56.4651, 28.7642



70.3253, 78.8674, 37.5036



16.3163, 16.8456, 16.5413



22.3129, 15.4239, 1.8011



1.9524, 1.4754, 0.1819

Inverse Universe

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



47.8583, 53.4969, 91.0225



48.5530, 54.5486, 102.5777



38.2988, 34.3780, 87.8360



15.6610, 16.7560, 20.1304



13.8444, 13.9130, 47.0837



1.2498, 1.3536, 3.9496

Previews

White Background



This preview shows how the XYZ color 58.3740, 54.9649, 33.5192 looks on a white background.

Color Contrast Check

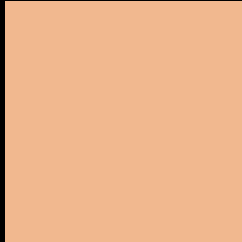
Large Text (above 18pt) WCAG AA × Fail

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 58.3740, 54.9649, 33.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

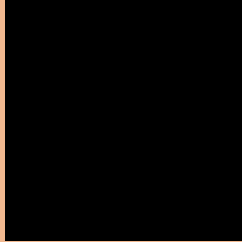
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3740, 54.9649, 33.5192

Background



This preview shows how black text looks on a background with the XYZ color 58.3740, 54.9649, 33.5192.



This preview shows how white text looks on a background with the XYZ color 58.3740, 54.9649,

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

58.3740, 54.9649, 33.5192

Protanopia

51.6636, 55.3196, 35.9718

Deuteranopia

56.1444, 55.0752, 33.2626



Tritanopia

63.3304, 55.1952, 56.6061

Trichromacy



Original Color

58.3740, 54.9649, 33.5192

Protanomaly

53.8567, 55.1467, 35.0000

Deuteranomaly

56.9138, 55.1558, 33.2376

Tritanomaly

61.2695, 54.9316, 47.4180

Monochromacy



Original Color

58.3740, 54.9649, 33.5192

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.9368, 54.8706, 49.3433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3740, 54.9649, 33.5192 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, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(241, 184, 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(241, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.3740, 54.9649, 33.5192 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, 184, 143) }
```


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

```
.border{ border-color:rgb(241, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(241, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3740, 54.9649, 33.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 184, 143) }
```

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

```
.background{ background-color: rgb(241,  
184, 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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