

Converting Colors

XYZ(58.4158, 56.0893, 34.0996)

Have a look what the booklet for
XYZ(58.4158, 56.0893, 34.0996)
contains.

XYZ(58.6139, 56.3308, 34.1692)	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(58.6139, 56.3308,
34.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBC90
RGB	239, 188, 144
RGB Percent	94%, 74%, 56%
CMY	0.0627, 0.2627, 0.4353
CMYK	0.00, 0.21, 0.40, 0.06
HSL	28°, 75%, 75%
HSV	28°, 40%, 94%
XYZ	58.6139, 56.3308, 34.1692
YIQ	198.2330, 44.5200, -2.8720

Conversions

Conversions Part 2

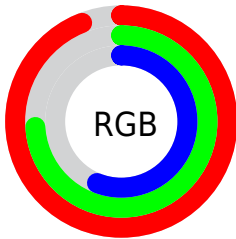
Format	Color
R _Y B	239, 226, 144
Decimal	15711376
CIE Lab	79.80, 12.65, 29.26
CIE LCh	80, 31.882, 66.621
Yxy	56.3308, 0.3931, 0.3778
Android (android.graphics.Color)	4293901456 (0xFFEFBC90)
YUV	198.2330, -26.7369, 35.7527
Hunter-Lab	75.0538, 8.0568, 25.5452

Details

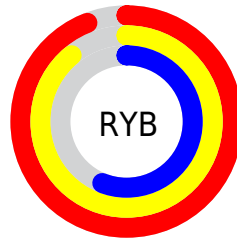
The XYZ color **58.6139, 56.3308, 34.1692** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5960, 51.1897, 89.0861**, and the grayscale version is **53.9581, 56.7681, 61.8205**.

A 20% lighter version of the original color is **83.7837, 90.0386, 66.3894**, and **29.6958, 27.9420, 14.1841** is the 20% darker color. If you saturate the color by 10%, you get **54.3574, 50.4381, 24.6723**, and if you desaturate by 10%, it is **63.5036, 62.8708, 45.7861**.

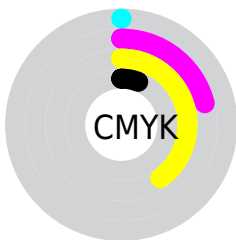
Distribution



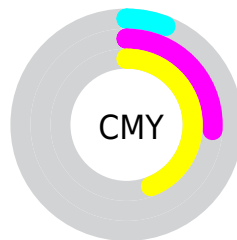
- Red (94%)
- Green (74%)
- Blue (56%)



- Red (94%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6139, 56.3308, 34.1692 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 58.6139, 56.3308, 34.1692 by changing the saturation by 10% instead.


 58.6139, 56.3308,
34.1692


 58.6139, 56.3308,
34.1692


409.3867,
410.9370, 335.6780

 42.5476, 40.4682,
22.7452


 101.9341, 99.4881,
67.3336

 29.7233, 27.9038,
14.2019


 129.9187,
127.5516, 89.9111

 19.7757, 18.2531,
8.1209

162.6068,
160.4508, 117.0435

 12.3394, 11.1319,
4.0835

200.3637,
198.5701, 149.1493

 7.0491, 6.1556,
1.6713

243.5548,
242.2941, 186.6472

 3.5394, 2.9399,
0.3409

292.5454,

 1.4450, 1.1005,

292.0069, 229.9555

0.0000

347.7009,
348.0931, 279.4930

■ 0.2880, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6139, 56.3308,
34.1692

■ 58.6139, 56.3308,
34.1692

■ 54.3574, 50.4381,
24.6723

■ 63.5036, 62.8708,
45.7861

■ 50.6989, 45.1623,
17.1602

■ 69.0508, 70.0712,
59.6398

■ 47.6058, 40.4819,
11.4873

■ 75.2836, 77.9548,
75.8427

■ 45.0400, 36.3706,
7.4863

■ 82.2268, 86.5407,
94.4984

■ 42.9569, 32.7990,
4.9585

■ 88.5048, 95.2872,
108.3353

■ 41.2877, 29.7277,
3.5792

■ 89.4066, 97.0907,
108.6359

■ 41.2492, 29.6560,
3.5501

Harmonies

Analogous

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



64.1233, 56.3308, 42.4943



58.6139, 56.3308, 34.1692



52.1235, 56.3308, 32.3874

Triad

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



58.6139, 56.3308, 34.1692



42.1429, 56.3308, 65.5217



61.2842, 56.3308, 94.4835

Complementary

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



58.6139, 56.3308, 34.1692



46.5960, 51.1897, 89.0861

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.



54.9834, 56.3308, 103.8101



58.6139, 56.3308, 34.1692



44.1916, 56.3308, 85.0537

Square

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



58.6139, 56.3308, 34.1692



42.9453, 56.3308, 48.2935



48.7691, 56.3308, 100.0517



65.7495, 56.3308, 76.5346

Rectangle

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



58.6139, 56.3308, 34.1692



48.1739, 56.3308, 34.7475



48.7691, 56.3308, 100.0517



59.2920, 56.3308, 98.8794

Sweetspot

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



58.6153, 56.3335, 34.1703



85.4909, 88.1476, 83.3141



55.5625, 42.2947, 57.6096



18.0913, 18.6063, 17.2900



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.



58.6153, 56.3335, 34.1703



63.7077, 59.4656, 30.1659



70.1249, 79.3525, 38.0068



16.3762, 16.9656, 16.5613



22.9236, 16.6452, 2.0046



2.0056, 1.5818, 0.1996

Inverse Universe

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



46.5960, 51.1897, 89.0861



47.9232, 52.7008, 102.2542



37.7901, 33.5778, 86.1508



15.6000, 16.6342, 20.1101



13.0296, 12.2834, 46.8121



1.1834, 1.2208, 3.9275

Previews

White Background



This preview shows how the XYZ color 58.6139, 56.3308, 34.1692 looks on a white background.

Color Contrast Check

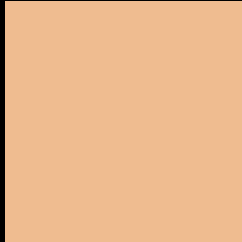
Large Text (above 18pt) WCAG AA × Fail

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 58.6139, 56.3308, 34.1692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

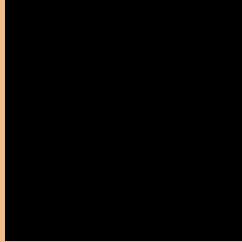
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6139, 56.3308, 34.1692

Background



This preview shows how black text looks on a background with the XYZ color 58.6139, 56.3308, 34.1692.



This preview shows how white text looks on a background with the XYZ color 58.6139, 56.3308,

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

58.6139, 56.3308, 34.1692

Protanopia

52.6908, 56.5233, 36.1500

Deuteranopia

57.7084, 56.5027, 34.2501



Tritanopia

63.6824, 56.2210, 59.1251

Trichromacy



Original Color

58.6139, 56.3308, 34.1692

Protanomaly

54.6824, 56.2198, 35.5732

Deuteranomaly

57.8237, 56.2417, 34.1936

Tritanomaly

61.5949, 56.2928, 48.6935

Monochromacy



Original Color

58.6139, 56.3308, 34.1692

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7682, 55.9441, 50.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6139, 56.3308, 34.1692 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(239, 188, 144)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 144)  
}
```

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(239, 188, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 144) }
```

Border

The CSS property to change the border of an element to XYZ 58.6139, 56.3308, 34.1692 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(239, 188, 144) }
```


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

```
.border{ border-color:rgb(239, 188, 144) }
```

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

Here you see how a box with a 4 pixel rgb(239, 188, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 144);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6139, 56.3308, 34.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 144) }
```

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

```
.background{ background-color: rgb(239,  
188, 144) }
```

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