

# Converting Colors

XYZ(57.1325, 59.0034, 34.4551)

Have a look what the booklet for  
XYZ(57.1325, 59.0034, 34.4551)  
contains.

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# Color

**XYZ(57.1469, 58.8653,  
34.3368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4C68F
RGB	228, 198, 143
RGB Percent	89%, 78%, 56%
CMY	0.1059, 0.2235, 0.4392
CMYK	0.00, 0.13, 0.37, 0.11
HSL	39°, 61%, 73%
HSV	39°, 37%, 89%
XYZ	57.1469, 58.8653, 34.3368
YIQ	200.7000, 35.5350, -10.7450

# Conversions

## Conversions Part 2

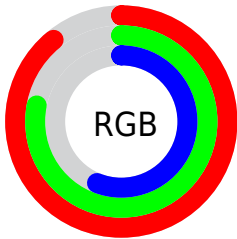
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 228, 143
Decimal	14993039
CIE <sub>Lab</sub>	81.22, 2.97, 31.48
CIE <sub>LCh</sub>	81, 31.623, 84.615
Yxy	58.8653, 0.3801, 0.3915
Android (android.graphics.Color)	4293183119 (0xFFE4C68F)
YUV	200.7000, -28.4461, 23.9421
Hunter-Lab	76.7237, -1.3126, 27.1721

# Details

The XYZ color **57.1469, 58.8653, 34.3368** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.2744, 41.3269, 79.2529**, and the grayscale version is **55.4879, 58.3776, 63.5732**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **28.6996, 29.3772, 14.2829** is the 20% darker color. If you saturate the color by 10%, you get **53.8022, 54.6646, 25.5493**, and if you desaturate by 10%, it is **60.9434, 63.4073, 45.0080**.

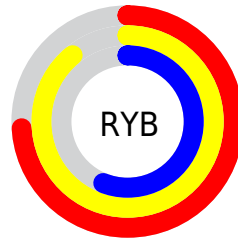
# Distribution



Red (89%)

Green (78%)

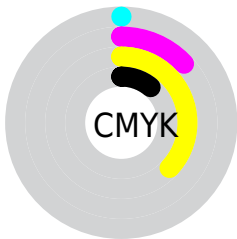
Blue (56%)



Red (74%)

Yellow (89%)

Blue (56%)

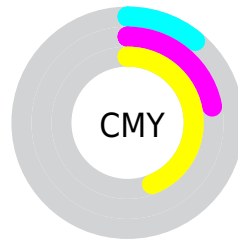


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (22%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1469, 58.8653, 34.3368 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 57.1469, 58.8653, 34.3368 by changing the saturation by 10% instead.





 57.1469, 58.8653,  
34.3368

 57.1469, 58.8653,  
34.3368


404.0048,  
420.4026, 336.4461

 41.3638, 42.5047,  
22.8730


 99.8096, 103.1819,  
67.5970

 28.7924, 29.4967,  
14.2953


 127.4200,  
131.9066, 90.2304

 19.0673, 19.4569,  
8.1853


159.7034,  
165.5215, 117.4241

 11.8232, 12.0009,  
4.1243

197.0253,  
204.4110, 149.5967

 6.6948, 6.7443,  
1.6938

239.7511,  
248.9595, 187.1666

 3.3166, 3.3027,  
0.3565

288.2460,

 1.3233, 1.2917,

299.5513, 230.5525

0.0000

342.8755,  
356.5709, 280.1728

■ 0.2006, 0.1348,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.1469, 58.8653,  
34.3368

■ 57.1469, 58.8653,  
34.3368

■ 53.8022, 54.6646,  
25.5493

■ 60.9434, 63.4073,  
45.0080

■ 50.8818, 50.7854,  
18.5286

■ 65.2082, 68.2932,  
57.6629

■ 48.3620, 47.2180,  
13.1504

■ 69.9625, 73.5358,  
72.3990

■ 46.2144, 43.9483,  
9.2726

■ 75.2245, 79.1447,  
89.3058

■ 44.4056, 40.9606,  
6.7283

■ 80.6877, 84.9995,  
106.7616

■ 42.8925, 38.2348,  
5.2975

■ 83.0858, 89.7959,  
107.5610

■ 42.5133, 37.5308,  
5.0035

■ 85.5901, 94.8044,  
108.3957

■ 85.8049, 95.2340,  
108.4673

# Harmonies

## Analogous

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



63.6098, 58.8653, 38.8346



57.1469, 58.8653, 34.3368



50.8379, 58.8653, 36.4475

# Triad

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



57.1469, 58.8653, 34.3368



45.2060, 58.8653, 80.4226



66.9250, 58.8653, 87.4795

# Complementary

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



57.1469, 58.8653, 34.3368



40.2744, 41.3269, 79.2529

# 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.



61.3932, 58.8653, 103.0545



57.1469, 58.8653, 34.3368



48.9306, 58.8653, 98.4522

# Square

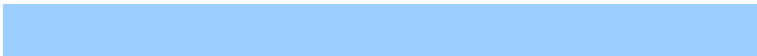
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.1469, 58.8653, 34.3368



44.2626, 58.8653, 60.7497



54.7693, 58.8653, 107.4194



69.5318, 58.8653, 67.5595



# Rectangle

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



57.1469, 58.8653, 34.3368



47.5165, 58.8653, 41.5838



54.7693, 58.8653, 107.4194



65.3259, 58.8653, 93.5409

# Sweetspot

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



57.1484, 58.8680, 34.3380



87.7814, 92.1697, 85.8008



49.4740, 39.2020, 45.0895



18.6089, 19.5301, 17.8062



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.



57.1484, 58.8680, 34.3380



70.1672, 71.5110, 35.0125



61.2178, 72.1707, 36.6912



15.1512, 15.9164, 15.1781



24.6642, 21.9025, 2.9277



1.9092, 1.7917, 0.2452



# Inverse Universe

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



40.2744, 41.3269, 79.2529



45.3791, 45.7605, 101.0487



37.2166, 32.1499, 77.6428



13.9968, 14.7151, 18.2469



9.8631, 6.7883, 43.1736



0.8138, 0.6715, 3.2187



# Previews

## White Background



This preview shows how the XYZ color 57.1469, 58.8653, 34.3368 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

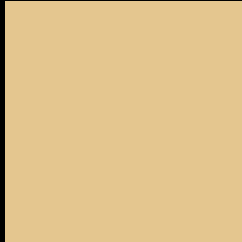
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.1469, 58.8653, 34.3368 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 57.1469, 58.8653, 34.3368**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.1469, 58.8653, 34.3368.



This preview shows how white text looks on a background with the XYZ color 57.1469, 58.8653,



# 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

57.1469, 58.8653, 34.3368

### Protanopia

54.8466, 59.0371, 35.2926

### Deuteranopia

60.0392, 58.6788, 34.5473



## Tritanopia

63.6939, 58.8969, 65.7688

# Trichromacy



## Original Color

57.1469, 58.8653, 34.3368

## Protanomaly

55.7395, 59.1591, 34.8666

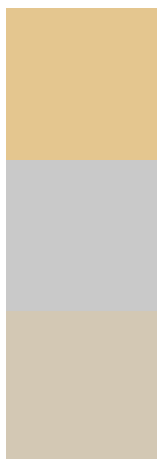
## Deuteranomaly

59.1412, 58.8767, 34.6328

## Tritanomaly

60.7922, 58.6731, 52.3769

# Monochromacy



## Original Color

57.1469, 58.8653, 34.3368

## 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 57.1469, 58.8653, 34.3368 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(228, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 198, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 57.1469, 58.8653, 34.3368 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(228, 198, 143) }
```



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

```
.border{ border-color:rgb(228, 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(228, 198, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(228, 198,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.1469, 58.8653, 34.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 198, 143) }
```

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

```
.background{ background-color: rgb(228,  
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](#).

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