

# Converting Colors

XYZ(56.3107, 57.3212, 34.9149)

Have a look what the booklet for  
XYZ(56.3107, 57.3212, 34.9149)  
contains.

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# Color

**XYZ(56.3045, 57.4054,  
34.9009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C391
RGB	227, 195, 145
RGB Percent	89%, 76%, 57%
CMY	0.1098, 0.2353, 0.4314
CMYK	0.00, 0.14, 0.36, 0.11
HSL	37°, 59%, 73%
HSV	37°, 36%, 89%
XYZ	56.3045, 57.4054, 34.9009
YIQ	198.8680, 35.1220, -8.7660

# Conversions

## Conversions Part 2

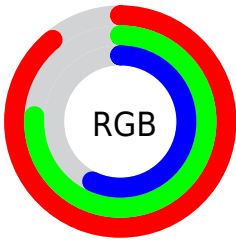
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 227, 145
Decimal	14926737
CIE <sub>Lab</sub>	80.41, 4.38, 29.34
CIE <sub>LCh</sub>	80, 29.669, 81.516
Yxy	57.4054, 0.3789, 0.3863
Android (android.graphics.Color)	4293116817 (0xFFE3C391)
YUV	198.8680, -26.5569, 24.6718
Hunter-Lab	75.7664, 0.0582, 25.7252

# Details

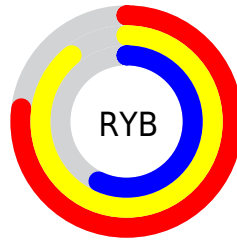
The XYZ color **56.3045, 57.4054, 34.9009** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.2640, 43.0088, 78.7998**, and the grayscale version is **54.3488, 57.1792, 62.2681**.

A 20% lighter version of the original color is **86.0460, 94.3779, 67.7145**, and **28.1228, 28.4040, 14.5900** is the 20% darker color. If you saturate the color by 10%, you get **52.8004, 52.9240, 25.9431**, and if you desaturate by 10%, it is **60.2790, 62.2675, 45.7422**.

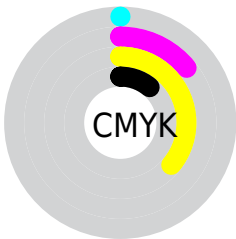
# Distribution



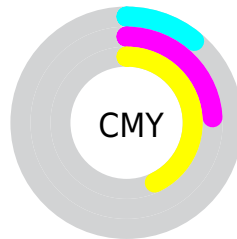
- Red (89%)
- Green (76%)
- Blue (57%)



- Red (77%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (11%)




- Cyan (11%)
- Magenta (24%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3045, 57.4054, 34.9009 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 56.3045, 57.4054, 34.9009 by changing the saturation by 10% instead.




 56.3045, 57.4054,  
34.9009


 56.3045, 57.4054,  
34.9009


400.8945,  
414.9667, 339.0217

 40.6851, 41.3308,  
23.3036


 98.5869, 101.0565,  
68.4820

 28.2597, 28.5777,  
14.6104

 125.9805,  
129.4018, 91.3030

 18.6629, 18.7616,  
8.4029


158.0297,  
162.6061, 118.7022

 11.5295, 11.4981,  
4.2624

195.0996,  
201.0538, 151.0983

 6.4941, 6.4029,  
1.7703

237.5557,  
245.1293, 188.9097

 3.1913, 3.0916,  
0.4083

285.7633,

 1.2557, 1.1797,

295.2170, 232.5550

0.0000

340.0878,  
351.7013, 282.4529

■ 0.1497, 0.0451,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.3045, 57.4054,  
34.9009

■ 56.3045, 57.4054,  
34.9009

■ 52.8004, 52.9240,  
25.9431

■ 60.2790, 62.2675,  
45.7422

■ 49.7394, 48.8028,  
18.7542

■ 64.7408, 67.5140,  
58.5652

■ 47.0976, 45.0312,  
13.2126

■ 69.7109, 73.1585,  
73.4655

■ 44.8468, 41.5943,  
9.1798

■ 75.2080, 79.2113,  
90.5316

■ 42.9541, 38.4756,  
6.4939

■ 80.6805, 85.4548,  
106.8499

■ 41.3794, 35.6553,  
4.9540

■ 83.3418, 90.7773,  
107.7369

■ 40.8286, 34.6310,  
4.5325

■ 85.4886, 95.0709,  
108.4525

# Harmonies

## Analogous

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



62.1627, 57.4054, 39.7949



56.3045, 57.4054, 34.9009



50.3870, 57.4054, 36.2512

# Triad

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



56.3045, 57.4054, 34.9009



44.3958, 57.4054, 75.6017



64.2313, 57.4054, 85.7324

# Complementary

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



56.3045, 57.4054, 34.9009



41.2640, 43.0088, 78.7998

# 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.



58.9617, 57.4054, 99.0996



56.3045, 57.4054, 34.9009



47.6078, 57.4054, 92.5361

# Square

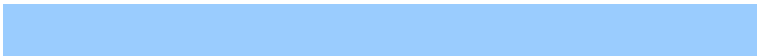
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3045, 57.4054, 34.9009



43.8001, 57.4054, 57.6957



52.8560, 57.4054, 101.7971



66.9566, 57.4054, 67.5738



# Rectangle

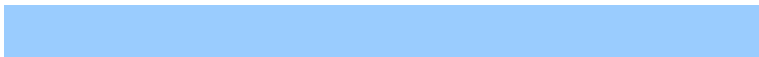
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3045, 57.4054, 34.9009



47.1765, 57.4054, 40.6434



52.8560, 57.4054, 101.7971



62.6810, 57.4054, 91.0651

# Sweetspot

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



56.3060, 57.4081, 34.9021



87.4656, 91.5380, 85.6955



49.8202, 39.7887, 47.0691



18.5335, 19.3793, 17.7810



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.



56.3060, 57.4081, 34.9021



69.9755, 70.5103, 36.8515



61.7335, 72.0117, 37.4348



15.1048, 15.8235, 15.1626



23.9279, 20.4300, 2.6822



1.8579, 1.6890, 0.2281



# Inverse Universe

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



41.2640, 43.0088, 78.7998



47.8006, 49.2952, 101.6033



37.1658, 32.5894, 77.0047



14.0417, 14.8049, 18.2619



10.2544, 7.5709, 43.3040



0.8459, 0.7358, 3.2294



# Previews

## White Background



This preview shows how the XYZ color 56.3045, 57.4054, 34.9009 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

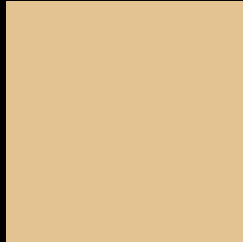
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.3045, 57.4054, 34.9009 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

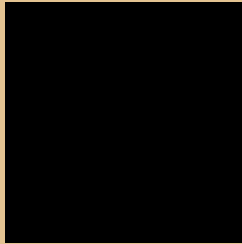
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 56.3045, 57.4054, 34.9009**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.3045, 57.4054, 34.9009.



This preview shows how white text looks on a background with the XYZ color 56.3045, 57.4054,



# 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

56.3045, 57.4054, 34.9009

### Protanopia

53.4214, 57.2496, 35.8384

### Deuteranopia

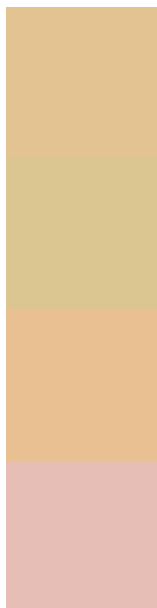
58.4112, 57.1698, 35.1504



## Tritanopia

62.0353, 57.1286, 63.6344

# Trichromacy



## Original Color

56.3045, 57.4054, 34.9009

## Protanomaly

54.5958, 57.5236, 35.4198

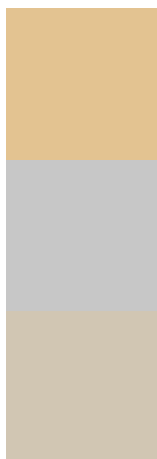
## Deuteranomaly

57.6422, 57.0982, 35.1771

## Tritanomaly

59.7089, 57.1520, 51.6005

# Monochromacy



## Original Color

56.3045, 57.4054, 34.9009

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

54.6253, 57.1981, 50.8091

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.3045, 57.4054, 34.9009 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(227, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 145)  
}
```

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(227, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 145) }
```

## Border

The CSS property to change the border of an element to XYZ 56.3045, 57.4054, 34.9009 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(227, 195, 145) }
```



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

```
.border{ border-color:rgb(227, 195, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 145);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
145) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.3045, 57.4054, 34.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 145) }
```

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

```
.background{ background-color: rgb(227,  
195, 145) }
```

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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