

Converting Colors

XYZ(57.0793, 59.4898, 36.5976)

Have a look what the booklet for
XYZ(57.0793, 59.4898, 36.5976)
contains.

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Color

**XYZ(57.0509, 59.4542,
36.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C894
RGB	225, 200, 148
RGB Percent	88%, 78%, 58%
CMY	0.1176, 0.2157, 0.4196
CMYK	0.00, 0.11, 0.34, 0.12
HSL	41°, 56%, 73%
HSV	41°, 34%, 88%
XYZ	57.0509, 59.4542, 36.4859
YIQ	201.5470, 31.5920, -10.8720

Conversions

Conversions Part 2

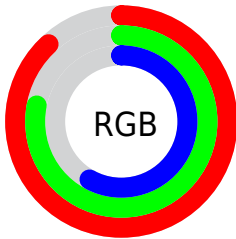
Format	Color
R _Y B	185, 225, 148
Decimal	14796948
CIE Lab	81.54, 1.34, 29.26
CIE LCh	82, 29.288, 87.380
Yxy	59.4542, 0.3729, 0.3886
Android (android.graphics.Color)	4292987028 (0xFFE1C894)
YUV	201.5470, -26.3987, 20.5683
Hunter-Lab	77.1065, -2.8649, 25.9193

Details

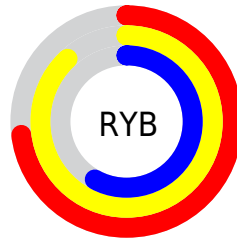
The XYZ color **57.0509, 59.4542, 36.4859** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7466, 41.6181, 77.1197**, and the grayscale version is **56.0034, 58.9200, 64.1639**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **28.7987, 29.8559, 15.5542** is the 20% darker color. If you saturate the color by 10%, you get **53.7893, 55.5094, 27.4500**, and if you desaturate by 10%, it is **60.7425, 63.7046, 47.3744**.

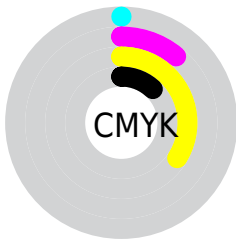
Distribution



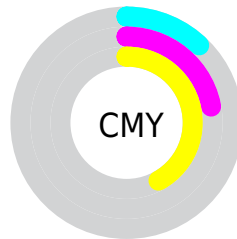
- Red (88%)
- Green (78%)
- Blue (58%)



- Red (73%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0509, 59.4542, 36.4859 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 57.0509, 59.4542, 36.4859 by changing the saturation by 10% instead.

■ 57.0509, 59.4542,
36.4859

■ 57.0509, 59.4542,
36.4859

403.6511,
422.5830, 346.1808

■ 41.2864, 42.9789,
24.5170

■ 99.6704, 104.0375,
70.9589

■ 28.7316, 29.8685,
15.5019

■ 127.2561,
132.9143, 94.3000

■ 19.0211, 19.7388,
9.0218

159.5129,
166.6936, 122.2690

■ 11.7896, 12.2053,
4.6584

196.8062,
205.7599, 155.2844

■ 6.6718, 6.8837,
1.9931

239.5013,
250.4977, 193.7648

■ 3.3022, 3.3895,
0.5510

287.9636,

■ 1.3155, 1.3383,

301.2911, 238.1286

0.0000

342.5584,
358.5248, 288.7944

■ 0.1948, 0.1706,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0509, 59.4542,
36.4859

■ 57.0509, 59.4542,
36.4859

■ 53.7893, 55.5094,
27.4500

■ 60.7425, 63.7046,
47.3744

■ 50.9320, 51.8517,
20.1564

■ 64.8793, 68.2620,
60.2096

■ 48.4572, 48.4726,
14.4892

■ 69.4809, 73.1381,
75.0837

■ 46.3386, 45.3599,
10.3163

■ 74.5647, 78.3415,
92.0819

■ 44.5461, 42.4996,
7.4849

■ 79.2480, 83.5209,
106.5521

■ 43.0433, 39.8751,
5.8089

■ 81.4003, 87.8255,
107.2695

■ 42.2736, 38.4520,
5.1939

■ 83.6397, 92.3043,
108.0160

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



63.1176, 59.4542, 40.2226



57.0509, 59.4542, 36.4859



51.2503, 59.4542, 39.1075

Triad

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



57.0509, 59.4542, 36.4859



46.6581, 59.4542, 81.5693



67.0514, 59.4542, 84.7328

Complementary

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



57.0509, 59.4542, 36.4859



40.7466, 41.6181, 77.1197

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.



62.1165, 59.4542, 99.6525



57.0509, 59.4542, 36.4859



50.3794, 59.4542, 97.6058

Square

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



57.0509, 59.4542, 36.4859



45.5140, 59.4542, 63.2020



55.9714, 59.4542, 104.7411



69.1468, 59.4542, 66.2936

Rectangle

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



57.0509, 59.4542, 36.4859



48.2570, 59.4542, 44.4282



55.9714, 59.4542, 104.7411



65.6529, 59.4542, 90.4442

Sweetspot

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



57.0524, 59.4569, 36.4871



88.6287, 93.2970, 87.8322



49.2492, 40.2310, 45.0446



18.7881, 19.7753, 18.2145



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.



57.0524, 59.4569, 36.4871



72.6542, 75.2222, 39.7346



59.4702, 70.0105, 38.3967



14.4771, 15.2403, 14.4854



24.4704, 22.3787, 3.0298



1.7764, 1.7118, 0.2368

Inverse Universe

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



40.7466, 41.6181, 77.1197



47.9319, 48.1892, 101.3829



38.8455, 34.1766, 75.7836



13.3135, 13.9662, 17.3817



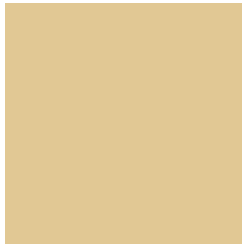
9.3004, 6.0703, 41.7299



0.7241, 0.5797, 2.9190

Previews

White Background



This preview shows how the XYZ color 57.0509, 59.4542, 36.4859 looks on a white background.

Color Contrast Check

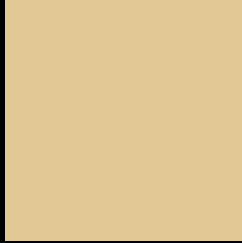
Large Text (above 18pt) WCAG AA × Fail

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 57.0509, 59.4542, 36.4859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

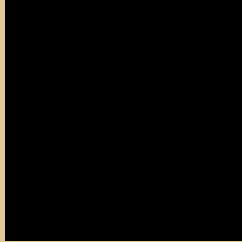
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0509, 59.4542, 36.4859

Background



This preview shows how black text looks on a background with the XYZ color 57.0509, 59.4542, 36.4859.



This preview shows how white text looks on a background with the XYZ color 57.0509, 59.4542,

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

57.0509, 59.4542, 36.4859

Protanopia

55.6942, 59.7872, 37.0385

Deuteranopia

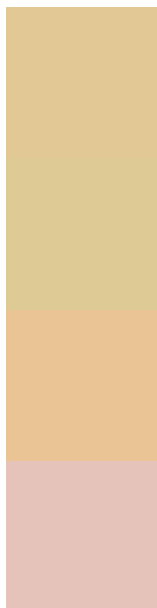
60.6518, 59.2788, 36.6790



Tritanopia

63.3908, 59.3601, 67.1481

Trichromacy



Original Color

57.0509, 59.4542, 36.4859

Protanomaly

56.3641, 59.7831, 37.0024

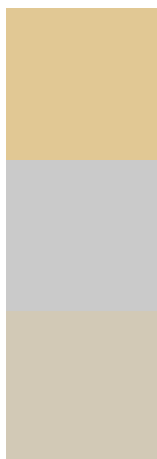
Deuteranomaly

59.4257, 59.3119, 36.7500

Tritanomaly

60.6911, 59.2334, 54.6888

Monochromacy



Original Color

57.0509, 59.4542, 36.4859

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9085, 58.8523, 52.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0509, 59.4542, 36.4859 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(225, 200, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 148)  
}
```

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(225, 200, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 148) }
```

Border

The CSS property to change the border of an element to XYZ 57.0509, 59.4542, 36.4859 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(225, 200, 148) }
```


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

```
.border{ border-color:rgb(225, 200, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0509, 59.4542, 36.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 148) }
```

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

```
.background{ background-color: rgb(225,  
200, 148) }
```

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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