

Converting Colors

XYZ(57.4554, 59.6160, 38.6158)

Have a look what the booklet for
XYZ(57.4554, 59.6160, 38.6158)
contains.

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Color

**XYZ(57.4554, 59.6160,
38.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C899
RGB	225, 200, 153
RGB Percent	88%, 78%, 60%
CMY	0.1176, 0.2157, 0.4000
CMYK	0.00, 0.11, 0.32, 0.12
HSL	39°, 55%, 74%
HSV	39°, 32%, 88%
XYZ	57.4554, 59.6160, 38.6158
YIQ	202.1170, 29.9870, -9.3170

Conversions

Conversions Part 2

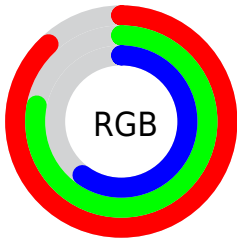
Format	Color
RYB	191, 225, 153
Decimal	14796953
CIELab	81.63, 1.95, 26.76
CIELCh	82, 26.829, 85.828
Yxy	59.6160, 0.3690, 0.3829
Android (android.graphics.Color)	4292987033 (0xFFE1C899)
YUV	202.1170, -24.2147, 20.0684
Hunter-Lab	77.2114, -2.2926, 24.3952

Details

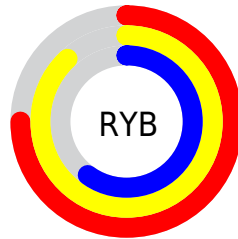
The XYZ color **57.4554, 59.6160, 38.6158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6475, 44.0481, 77.4887**, and the grayscale version is **56.3466, 59.2810, 64.5570**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.0393, 29.9521, 16.8212** is the 20% darker color. If you saturate the color by 10%, you get **54.0069, 55.4176, 29.1463**, and if you desaturate by 10%, it is **61.3499, 64.1449, 49.9641**.

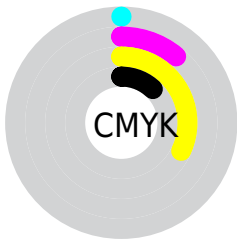
Distribution



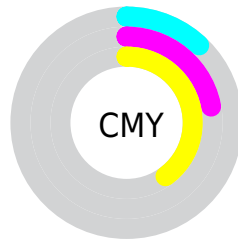
- Red (88%)
- Green (78%)
- Blue (60%)



- Red (75%)
- Yellow (88%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4554, 59.6160, 38.6158 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 57.4554, 59.6160, 38.6158 by changing the saturation by 10% instead.

 57.4554, 59.6160,
38.6158


 57.4554, 59.6160,
38.6158


405.1402,
423.1809, 355.6313

 41.6125, 43.1092,
26.1554


 100.2569,
104.2724, 74.2649

 28.9878, 29.9708,
16.7132


 127.9463,
133.1908, 98.2907

 19.2158, 19.8164,
9.8704


160.3151,
167.0152, 127.0087

 11.9313, 12.2617,
5.2086

197.7289,
206.1300, 160.8376

 6.7688, 6.9221,
2.3093

240.5530,
250.9196, 200.1957

 3.3629, 3.4135,
0.7364

289.1526,

 1.3485, 1.3512,

301.7683, 245.5017

0.0000

343.8933,
359.0606, 297.1740

■ 0.2191, 0.1803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4554, 59.6160,
38.6158

■ 57.4554, 59.6160,
38.6158

■ 54.0069, 55.4176,
29.1463

■ 61.3499, 64.1449,
49.9641

■ 50.9786, 51.5309,
21.4475

■ 65.7052, 69.0060,
63.2837

■ 48.3490, 47.9472,
15.4057

■ 70.5413, 74.2116,
78.6655

■ 46.0923, 44.6538,
10.8926

■ 75.8752, 79.7704,
96.1937

■ 44.1793, 41.6367,
7.7607

■ 79.9857, 84.9961,
106.7979

■ 42.5747, 38.8795,
5.8329

■ 82.3229, 89.6706,
107.5770

■ 41.4681, 36.8410,
4.9254

■ 84.7602, 94.5452,
108.3895

■ 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.



62.9712, 59.6160, 42.4696



57.4554, 59.6160, 38.6158



52.0715, 59.6160, 40.7903

Triad

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



57.4554, 59.6160, 38.6158



47.4572, 59.6160, 79.3947



66.1111, 59.6160, 83.9528

Complementary

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



57.4554, 59.6160, 38.6158



42.6475, 44.0481, 77.4887

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.



61.5172, 59.6160, 97.0494



57.4554, 59.6160, 38.6158



50.7912, 59.6160, 94.1265

Square

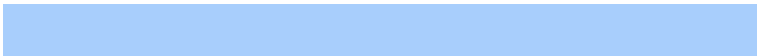
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4554, 59.6160, 38.6158



46.5270, 59.6160, 62.6795



55.8784, 59.6160, 101.0494



68.1741, 59.6160, 67.1962

Rectangle

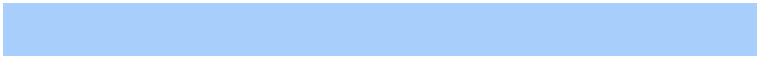
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4554, 59.6160, 38.6158



49.2400, 59.6160, 45.5968



55.8784, 59.6160, 101.0494



64.7974, 59.6160, 89.0308

Sweetspot

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



57.4569, 59.6187, 38.6170



88.4535, 92.9465, 87.7738



50.4991, 42.0131, 47.6733



18.7455, 19.6902, 18.2003



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.



57.4569, 59.6187, 38.6170



73.3720, 75.6357, 43.1249



60.4653, 70.4769, 40.5543



14.4503, 15.1866, 14.4765



24.0089, 21.4557, 2.8760



1.7469, 1.6526, 0.2269

Inverse Universe

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



42.6475, 44.0481, 77.4887



50.9627, 52.0841, 101.9750



40.2511, 36.0907, 76.0791



13.3392, 14.0176, 17.3903



9.5046, 6.4788, 41.7980



0.7405, 0.6125, 2.9244

Previews

White Background



This preview shows how the XYZ color 57.4554, 59.6160, 38.6158 looks on a white background.

Color Contrast Check

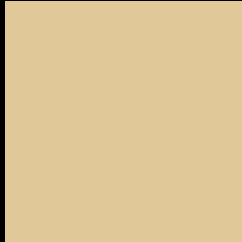
Large Text (above 18pt) WCAG AA × Fail

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 57.4554, 59.6160, 38.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

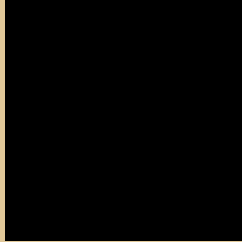
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4554, 59.6160, 38.6158

Background



This preview shows how black text looks on a background with the XYZ color 57.4554, 59.6160, 38.6158.



This preview shows how white text looks on a background with the XYZ color 57.4554, 59.6160,

38.6158.

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

57.4554, 59.6160, 38.6158

Protanopia

55.8039, 59.7967, 39.1726

Deuteranopia

60.9444, 59.7140, 38.8857



Tritanopia

63.4101, 59.6829, 67.8524

Trichromacy



Original Color

57.4554, 59.6160, 38.6158

Protanomaly

56.4685, 59.7898, 39.1362

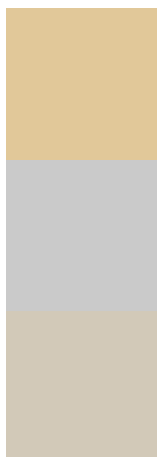
Deuteranomaly

59.7307, 59.7580, 38.9582

Tritanomaly

61.1301, 59.7687, 55.8916

Monochromacy



Original Color

57.4554, 59.6160, 38.6158

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1167, 58.9356, 53.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4554, 59.6160, 38.6158 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.4554, 59.6160, 38.6158 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, 153) }
```


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

```
.border{ border-color:rgb(225, 200, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 153);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4554, 59.6160, 38.6158 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, 153) }
```

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

```
.background{ background-color: rgb(225,  
200, 153) }
```

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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