

Converting Colors

XYZ(57.3760, 59.4029, 38.5042)

Have a look what the booklet for
XYZ(57.3760, 59.4029, 38.5042)
contains.

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Color

**XYZ(57.2245, 59.1543,
38.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C799
RGB	225, 199, 153
RGB Percent	88%, 78%, 60%
CMY	0.1176, 0.2196, 0.4000
CMYK	0.00, 0.12, 0.32, 0.12
HSL	38°, 55%, 74%
HSV	38°, 32%, 88%
XYZ	57.2245, 59.1543, 38.5389
YIQ	201.5300, 30.2620, -8.7940

Conversions

Conversions Part 2

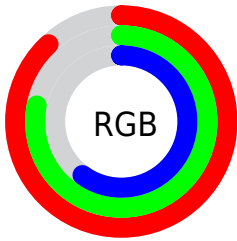
Format	Color
RYB	194, 225, 153
Decimal	14796697
CIELab	81.38, 2.47, 26.42
CIElCh	81, 26.532, 84.649
Yxy	59.1543, 0.3694, 0.3818
Android (android.graphics.Color)	4292986777 (0xFFE1C799)
YUV	201.5300, -23.9253, 20.5832
Hunter-Lab	76.9118, -1.7868, 24.1293

Details

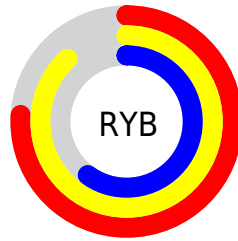
The XYZ color **57.2245, 59.1543, 38.5389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8472, 44.4474, 77.5551**, and the grayscale version is **55.9785, 58.8938, 64.1353**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **28.8859, 29.6451, 16.7700** is the 20% darker color. If you saturate the color by 10%, you get **53.7195, 54.8431, 29.0506**, and if you desaturate by 10%, it is **61.1827, 63.8107, 49.9084**.

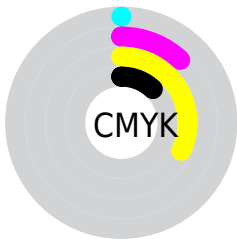
Distribution



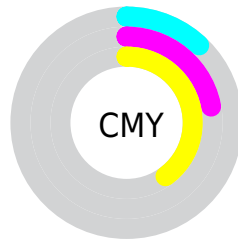
- Red (88%)
- Green (78%)
- Blue (60%)



- Red (76%)
- Yellow (88%)
- Blue (60%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2245, 59.1543, 38.5389 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 57.2245, 59.1543, 38.5389 by changing the saturation by 10% instead.


 57.2245, 59.1543,
38.5389


 57.2245, 59.1543,
38.5389


404.2906,
421.4735, 355.2933

 41.4264, 42.7373,
26.0961


 99.9222, 103.6019,
74.1459

 28.8415, 29.6791,
16.6692


 127.5524,
132.4013, 98.1473

 19.1046, 19.5951,
9.8394


159.8573,
166.0970, 126.8386

 11.8504, 12.1011,
5.1884

197.2024,
205.0734, 160.6384

 6.7133, 6.8126,
2.2976

239.9529,
249.7148, 199.9653

 3.3282, 3.3452,
0.7299

288.4742,

 1.3296, 1.3145,

300.4057, 245.2377

0.0000

343.1316,
357.5305, 296.8742

■ 0.2052, 0.1524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2245, 59.1543,
38.5389

■ 57.2245, 59.1543,
38.5389

■ 53.7195, 54.8431,
29.0506

■ 61.1827, 63.8107,
49.9084

■ 50.6420, 50.8579,
21.3353

■ 65.6094, 68.8145,
63.2518

■ 47.9702, 47.1897,
15.2795

■ 70.5245, 74.1780,
78.6599

■ 45.6781, 43.8254,
10.7546

■ 75.9452, 79.9105,
96.2171

■ 43.7362, 40.7507,
7.6131

■ 80.1505, 85.3259,
106.8529

■ 42.1093, 37.9487,
5.6778

■ 82.5908, 90.2064,
107.6663

■ 40.9892, 35.8832,
4.7658

■ 84.8613, 94.7476,
108.4232

Harmonies

Analogous

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



62.6217, 59.1543, 42.5754



57.2245, 59.1543, 38.5389



51.8937, 59.1543, 40.4510

Triad

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



57.2245, 59.1543, 38.5389



47.0798, 59.1543, 78.0023



65.3769, 59.1543, 83.7410

Complementary

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



57.2245, 59.1543, 38.5389



42.8472, 44.4474, 77.5551

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.



60.7895, 59.1543, 96.3394



57.2245, 59.1543, 38.5389



50.2783, 59.1543, 92.6631

Square

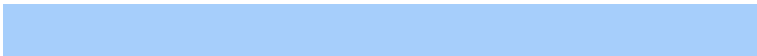
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.2245, 59.1543, 38.5389



46.2627, 59.1543, 61.6033



55.2360, 59.1543, 99.8464



67.5223, 59.1543, 67.2986

Rectangle

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



57.2245, 59.1543, 38.5389



49.0592, 59.1543, 45.0359



55.2360, 59.1543, 99.8464



64.0553, 59.1543, 88.6667

Sweetspot

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



57.2260, 59.1570, 38.5401



88.3458, 92.7311, 87.7379



50.6202, 42.0616, 48.3116



18.7194, 19.6380, 18.1916



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.



57.2260, 59.1570, 38.5401



73.0173, 74.9264, 43.0067



60.8172, 70.6581, 40.5708



14.4339, 15.1537, 14.4710



23.7344, 20.9066, 2.7844



1.7291, 1.6171, 0.2210

Inverse Universe

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



42.8472, 44.4474, 77.5551



51.2590, 52.6767, 102.0737



40.0050, 35.9639, 76.0674



13.3551, 14.0493, 17.3956



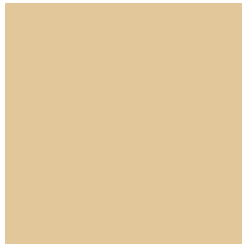
9.6383, 6.7461, 41.8425



0.7510, 0.6335, 2.9279

Previews

White Background



This preview shows how the XYZ color 57.2245, 59.1543, 38.5389 looks on a white background.

Color Contrast Check

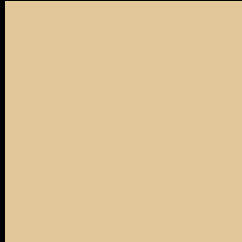
Large Text (above 18pt) WCAG AA × Fail

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 57.2245, 59.1543, 38.5389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

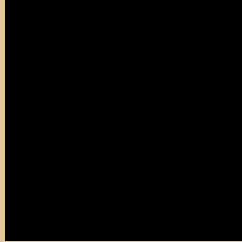
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

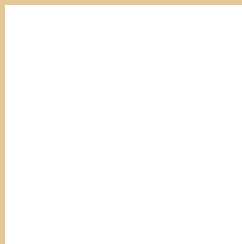
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2245, 59.1543, 38.5389

Background



This preview shows how black text looks on a background with the XYZ color 57.2245, 59.1543, 38.5389.



This preview shows how white text looks on a background with the XYZ color 57.2245, 59.1543,

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

57.2245, 59.1543, 38.5389

Protanopia

55.2722, 59.1731, 39.0802

Deuteranopia

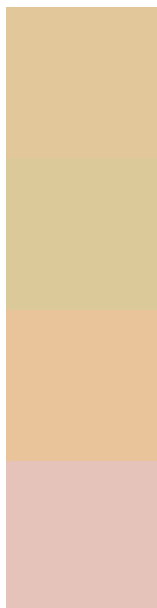
60.3844, 59.0938, 38.7955



Tritanopia

63.0671, 59.1932, 67.1329

Trichromacy



Original Color

57.2245, 59.1543, 38.5389

Protanomaly

55.9328, 59.1665, 39.0441

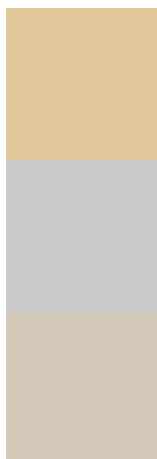
Deuteranomaly

59.1769, 59.1366, 38.8674

Tritanomaly

60.7978, 59.2761, 55.2507

Monochromacy



Original Color

57.2245, 59.1543, 38.5389

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 57.2245, 59.1543, 38.5389 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, 199, 153)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 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, 199, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.2245, 59.1543, 38.5389 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, 199, 153) }
```


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

```
.border{ border-color:rgb(225, 199, 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, 199, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2245, 59.1543, 38.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 153) }
```

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

```
.background{ background-color: rgb(225,  
199, 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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