

Converting Colors

XYZ(58.7617, 59.9757, 38.6438)

Have a look what the booklet for
XYZ(58.7617, 59.9757, 38.6438)
contains.

XYZ(58.8063, 59.9697, 38.6129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.8063, 59.9697,
38.6129)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C799
RGB	230, 199, 153
RGB Percent	90%, 78%, 60%
CMY	0.0980, 0.2196, 0.4000
CMYK	0.00, 0.13, 0.33, 0.10
HSL	36°, 61%, 75%
HSV	36°, 33%, 90%
XYZ	58.8063, 59.9697, 38.6129
YIQ	203.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

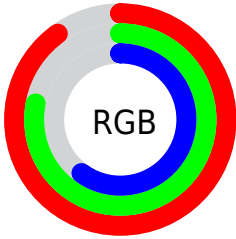
Format	Color
R _Y B	205, 230, 153
Decimal	15124377
CIE Lab	81.82, 4.41, 27.09
CIE LCh	82, 27.450, 80.757
Yxy	59.9697, 0.3736, 0.3810
Android (android.graphics.Color)	4293314457 (0xFFE6C799)
YUV	203.0250, -24.6623, 23.6571
Hunter-Lab	77.4401, 0.0288, 24.6451

Details

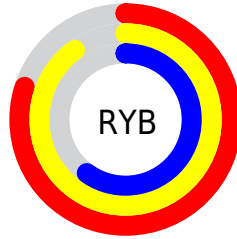
The XYZ color **58.8063, 59.9697, 38.6129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5599, 46.7651, 81.5410**, and the grayscale version is **56.9171, 59.8812, 65.2106**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.7573, 30.0943, 16.8108** is the 20% darker color. If you saturate the color by 10%, you get **55.0214, 55.1524, 28.8653**, and if you desaturate by 10%, it is **63.0901, 65.1983, 50.3346**.

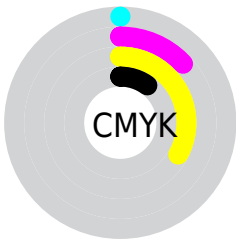
Distribution



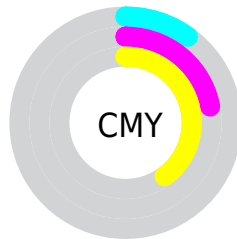
- Red (90%)
- Green (78%)
- Blue (60%)



- Red (80%)
- Yellow (90%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8063, 59.9697, 38.6129 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 58.8063, 59.9697, 38.6129 by changing the saturation by 10% instead.


 58.8063, 59.9697,
38.6129


 58.8063, 59.9697,
38.6129


410.0893,
424.4861, 355.6186

 42.7030, 43.3942,
26.1532


 102.2123,
104.7857, 74.2604

 29.8456, 30.1945,
16.7115


 130.2457,
133.7950, 98.2853

 19.8689, 19.9863,
9.8692


162.9866,
167.7177, 127.0023

 12.4075, 12.3851,
5.2079

200.8002,
206.9382, 160.8300

 7.0960, 7.0065,
2.3089

244.0519,
251.8409, 200.1870

 3.5691, 3.4662,
0.7362

293.1071,

 1.4614, 1.3797,

302.8102, 245.4917

0.0000

348.3311,
360.2305, 297.1627

■ 0.2993, 0.2017,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8063, 59.9697,
38.6129

■ 58.8063, 59.9697,
38.6129

■ 55.0214, 55.1524,
28.8653

■ 63.0901, 65.1983,
50.3346

■ 51.7073, 50.7250,
20.9761

■ 67.8899, 70.8420,
64.1297

■ 48.8400, 46.6763,
14.8232

■ 73.2273, 76.9152,
80.0952

■ 46.3910, 42.9910,
10.2682

■ 79.1215, 83.4290,
98.3210

■ 44.3276, 39.6520,
7.1512

■ 83.4255, 89.5277,
107.4913

■ 42.6105, 36.6397,
5.2783

■ 86.3015, 95.2797,
108.4500

■ 41.6383, 34.8332,
4.5289

■ 86.4432, 95.5630,
108.4972

Harmonies

Analogous

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



64.3359, 59.9697, 43.5866



58.8063, 59.9697, 38.6129



53.1444, 59.9697, 39.7910

Triad

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



58.8063, 59.9697, 38.6129



47.2104, 59.9697, 77.2603



66.0631, 59.9697, 87.6139

Complementary

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



58.8063, 59.9697, 38.6129



44.5599, 46.7651, 81.5410

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.



61.0365, 59.9697, 99.8772



58.8063, 59.9697, 38.6129



50.2430, 59.9697, 93.2319

Square

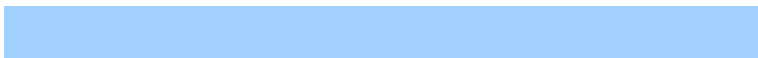
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8063, 59.9697, 38.6129



46.7025, 59.9697, 60.3084



55.2299, 59.9697, 102.0911



68.7084, 59.9697, 70.5529

Rectangle

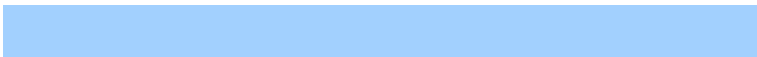
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8063, 59.9697, 38.6129



50.0361, 59.9697, 44.0014



55.2299, 59.9697, 102.0911



64.5805, 59.9697, 92.5470

Sweetspot

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



58.8078, 59.9725, 38.6141



88.0252, 92.0899, 87.6310



52.7906, 43.1124, 51.4849



18.6418, 19.4827, 18.1657



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.



58.8078, 59.9725, 38.6141



71.0216, 71.6235, 40.2185



64.6583, 74.6745, 41.1436



15.0895, 15.7929, 15.1575



23.6961, 19.9663, 2.6050



1.8415, 1.6564, 0.2227

Inverse Universe

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



44.5599, 46.7651, 81.5410



50.4917, 52.6019, 102.0997



40.0557, 35.9100, 79.6832



14.0567, 14.8347, 18.2669



10.3940, 7.8501, 43.3506



0.8571, 0.7582, 3.2331

Previews

White Background



This preview shows how the XYZ color 58.8063, 59.9697, 38.6129 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 58.8063, 59.9697, 38.6129 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 58.8063, 59.9697, 38.6129

Background



This preview shows how black text looks on a background with the XYZ color 58.8063, 59.9697, 38.6129.



This preview shows how white text looks on a background with the XYZ color 58.8063, 59.9697,

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

58.8063, 59.9697, 38.6129

Protanopia

56.1858, 59.9839, 39.6271

Deuteranopia

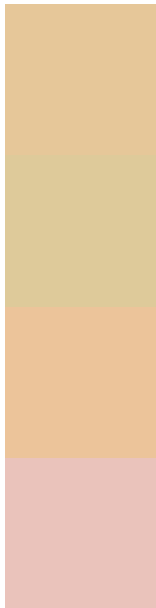
61.2830, 59.8886, 38.9015



Tritanopia

64.7042, 60.0371, 67.2095

Trichromacy



Original Color

58.8063, 59.9697, 38.6129

Protanomaly

57.0775, 60.1037, 39.1647

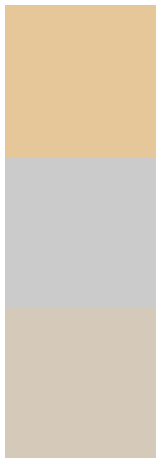
Deuteranomaly

60.1647, 59.6458, 38.9136

Tritanomaly

62.4164, 60.1105, 55.3265

Monochromacy



Original Color

58.8063, 59.9697, 38.6129

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3181, 59.8900, 54.4379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8063, 59.9697, 38.6129 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(230, 199, 153)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 199, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 199, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.8063, 59.9697, 38.6129 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(230, 199, 153) }
```


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

```
.border{ border-color:rgb(230, 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(230, 199, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(230, 199,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8063, 59.9697, 38.6129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 199, 153) }
```

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

```
.background{ background-color: rgb(230,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor