

Converting Colors

XYZ(59.0879, 59.9748, 39.8962)

Have a look what the booklet for
XYZ(59.0879, 59.9748, 39.8962)
contains.

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Color

**XYZ(59.0573, 60.0701,
39.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C79C
RGB	230, 199, 156
RGB Percent	90%, 78%, 61%
CMY	0.0980, 0.2196, 0.3882
CMYK	0.00, 0.13, 0.32, 0.10
HSL	35°, 60%, 76%
HSV	35°, 32%, 90%
XYZ	59.0573, 60.0701, 39.9345
YIQ	203.3670, 32.2790, -6.8010

Conversions

Conversions Part 2

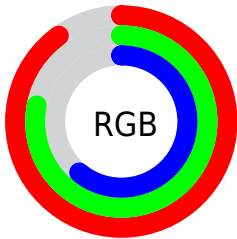
Format	Color
R _Y B	209, 230, 156
Decimal	15124380
CIE Lab	81.88, 4.78, 25.59
CIE LCh	82, 26.033, 79.421
Yxy	60.0701, 0.3713, 0.3777
Android (android.graphics.Color)	4293314460 (0xFFE6C79C)
YUV	203.3670, -23.3519, 23.3571
Hunter-Lab	77.5049, 0.3801, 23.7042

Details

The XYZ color **59.0573, 60.0701, 39.9345** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7631, 48.3203, 81.7779**, and the grayscale version is **57.1248, 60.0997, 65.4486**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **29.8577, 30.1345, 17.3396** is the 20% darker color. If you saturate the color by 10%, you get **55.1447, 55.0720, 29.9144**, and if you desaturate by 10%, it is **63.4821, 65.5019, 51.9460**.

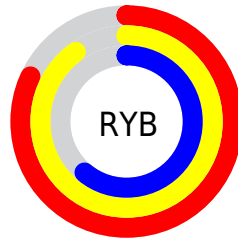
Distribution



Red (90%)

Green (78%)

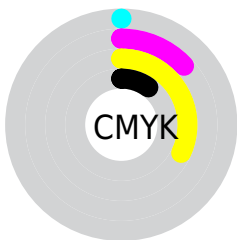
Blue (61%)



Red (82%)

Yellow (90%)

Blue (61%)

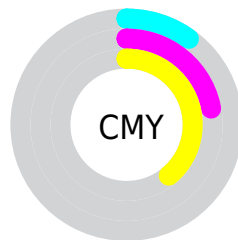


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0573, 60.0701, 39.9345 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 59.0573, 60.0701, 39.9345 by changing the saturation by 10% instead.

 59.0573, 60.0701,
39.9345


 59.0573, 60.0701,
39.9345


411.0049,
424.8561, 361.3913

 42.9058, 43.4751,
27.1741


 102.5751,
104.9314, 76.2998

 30.0054, 30.2581,
17.4704


 130.6721,
133.9664, 100.7417

 19.9908, 20.0346,
10.4050


163.4816,
167.9170, 129.9145

 12.4966, 12.4202,
5.5592

201.3691,
207.1675, 164.2368

 7.1574, 7.0305,
2.5145

244.6997,
252.1022, 204.1271

 3.6079, 3.4812,
0.8478

293.8390,

 1.4828, 1.3878,

303.1056, 250.0039

0.0000

349.1523,
360.5621, 302.2858

■ 0.3141, 0.2077,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0573, 60.0701,
39.9345

■ 59.0573, 60.0701,
39.9345

■ 55.1447, 55.0720,
29.9144

■ 63.4821, 65.5019,
51.9460

■ 51.7163, 50.4859,
21.7713

■ 68.4363, 71.3719,
66.0474

■ 48.7480, 46.2999,
15.3847

■ 73.9418, 77.6948,
82.3349

■ 46.2113, 42.4985,
10.6182

■ 80.0176, 84.4822,
100.8977

■ 44.0739, 39.0641,
7.3151

■ 83.9972, 90.6710,
107.6819

■ 42.2974, 35.9766,
5.2872

■ 86.4432, 95.5630,
108.4972

■ 41.1119, 33.7805,
4.3534

Harmonies

Analogous

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



64.2499, 60.0701, 45.0039



59.0573, 60.0701, 39.9345



53.6519, 60.0701, 40.8102

Triad

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



59.0573, 60.0701, 39.9345



47.6956, 60.0701, 75.9966



65.5047, 60.0701, 87.1388

Complementary

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



59.0573, 60.0701, 39.9345



45.7631, 48.3203, 81.7779

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.



60.6819, 60.0701, 98.3090



59.0573, 60.0701, 39.9345



50.4917, 60.0701, 91.1960

Square

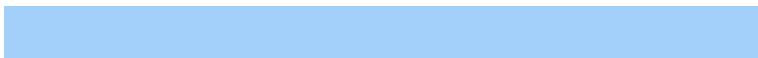
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0573, 60.0701, 39.9345



47.3224, 60.0701, 60.0048



55.1763, 60.0701, 99.9025



68.1277, 60.0701, 71.1222

Rectangle

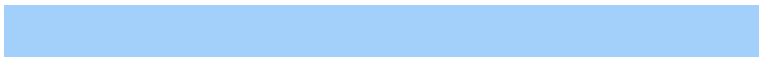
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0573, 60.0701, 39.9345



50.6425, 60.0701, 44.6983



55.1763, 60.0701, 99.9025



64.0731, 60.0701, 91.6873

Sweetspot

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



59.0588, 60.0729, 39.9357



87.8996, 91.8388, 87.5891



53.6064, 44.2343, 53.3280



18.6113, 19.4218, 18.1555



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.



59.0588, 60.0729, 39.9357



71.0838, 71.4073, 41.2895



65.3700, 75.0124, 42.4867



15.0693, 15.7524, 15.1507



23.3987, 19.3715, 2.5058



1.8204, 1.6142, 0.2156

Inverse Universe

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



45.7631, 48.3203, 81.7779



51.6862, 54.2688, 102.3585



40.8566, 37.0610, 79.8632



14.0764, 14.8742, 18.2734



10.5864, 8.2349, 43.4147



0.8724, 0.7887, 3.2382

Previews

White Background



This preview shows how the XYZ color 59.0573, 60.0701, 39.9345 looks on a white background.

Color Contrast Check

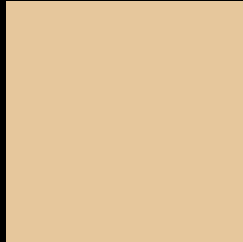
Large Text (above 18pt) WCAG AA × Fail

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 59.0573, 60.0701, 39.9345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

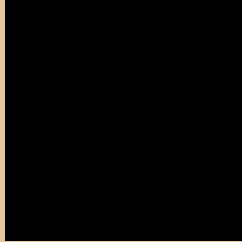
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0573, 60.0701, 39.9345

Background



This preview shows how black text looks on a background with the XYZ color 59.0573, 60.0701, 39.9345.



This preview shows how white text looks on a background with the XYZ color 59.0573, 60.0701,

39.9345.

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

59.0573, 60.0701, 39.9345

Protanopia

56.1428, 59.9322, 40.9568

Deuteranopia

61.1975, 59.8153, 40.2183



Tritanopia

64.7042, 60.0371, 67.2095

Trichromacy



Original Color

59.0573, 60.0701, 39.9345

Protanomaly

57.3305, 60.2050, 40.4974

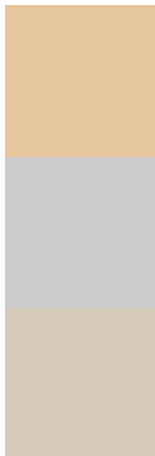
Deuteranomaly

60.4178, 59.7470, 40.2463

Tritanomaly

62.5239, 60.1535, 55.8924

Monochromacy



Original Color

59.0573, 60.0701, 39.9345

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4240, 59.9324, 54.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0573, 60.0701, 39.9345 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(230, 199, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 199, 156) }
```

Border

The CSS property to change the border of an element to XYZ 59.0573, 60.0701, 39.9345 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, 156) }
```


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

```
.border{ border-color:rgb(230, 199, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(230, 199,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0573, 60.0701, 39.9345 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, 156) }
```

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

```
.background{ background-color: rgb(230,  
199, 156) }
```

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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