

Converting Colors

XYZ(59.4778, 58.8193, 38.2794)

Have a look what the booklet for
XYZ(59.4778, 58.8193, 38.2794)
contains.

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Color

**XYZ(59.5258, 58.9923,
38.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC399
RGB	235, 195, 153
RGB Percent	92%, 76%, 60%
CMY	0.0784, 0.2353, 0.4000
CMYK	0.00, 0.17, 0.35, 0.08
HSL	31°, 67%, 76%
HSV	31°, 35%, 92%
XYZ	59.5258, 58.9923, 38.3863
YIQ	202.1720, 37.3220, -4.5820

Conversions

Conversions Part 2

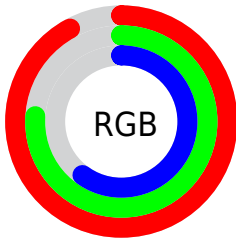
Format	Color
RYB	231, 235, 153
Decimal	15451033
CIELab	81.29, 8.44, 26.45
CIElCh	81, 27.765, 72.297
Yxy	58.9923, 0.3794, 0.3760
Android (android.graphics.Color)	4293641113 (0xFFEBC399)
YUV	202.1720, -24.2418, 28.7902
Hunter-Lab	76.8064, 3.9281, 24.1326

Details

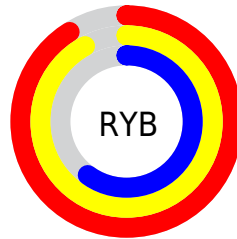
The XYZ color **59.5258, 58.9923, 38.3863** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2016, 50.9086, 85.9358**, and the grayscale version is **56.3780, 59.3140, 64.5929**.

A 20% lighter version of the original color is **87.4356, 95.4349, 73.4869**, and **30.2832, 29.4740, 16.6633** is the 20% darker color. If you saturate the color by 10%, you get **55.3028, 53.3524, 28.3274**, and if you desaturate by 10%, it is **64.3313, 65.1849, 50.5264**.

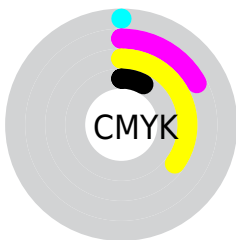
Distribution



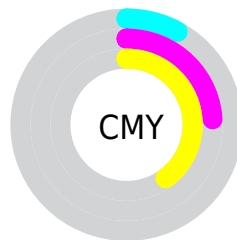
- Red (92%)
- Green (76%)
- Blue (60%)



- Red (91%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5258, 58.9923, 38.3863 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 59.5258, 58.9923, 38.3863 by changing the saturation by 10% instead.


 59.5258, 58.9923,
38.3863

 59.5258, 58.9923,
38.3863


412.7105,
420.8734, 354.6220

 43.2845, 42.6069,
25.9785


 103.2517,
103.3665, 73.9098

 30.3039, 29.5768,
16.5819

 131.4671,
132.1241, 97.8626

 20.2186, 19.5176,
9.7781


164.4046,
165.7745, 126.5008

 12.6632, 12.0449,
5.1484

202.4295,
204.7022, 160.2430

 7.2725, 6.7743,
2.2743

245.9071,
249.2915, 199.5076

 3.6809, 3.3213,
0.7168

295.2030,

 1.5232, 1.3017,

299.9269, 244.7133

0.0000

350.6823,
356.9927, 296.2786

■ 0.3416, 0.1425,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5258, 58.9923,
38.3863

■ 59.5258, 58.9923,
38.3863

■ 55.3028, 53.3524,
28.3274

■ 64.3313, 65.1849,
50.5264

■ 51.6307, 48.2392,
20.2260

■ 69.7397, 71.9388,
64.8545

■ 48.4817, 43.6363,
13.9505

■ 75.7758, 79.2727,
81.4746

■ 45.8229, 39.5230,
9.3515

■ 82.4617, 87.2017,
100.4825

■ 43.6168, 35.8765,
6.2554

■ 87.2205, 94.7014,
108.2899

■ 41.8182, 32.6705,
4.4499

■ 88.0709, 96.4022,
108.5734

■ 41.0233, 31.1869,
3.8575

Harmonies

Analogous

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



64.7184, 58.9923, 45.0696



59.5258, 58.9923, 38.3863



53.7318, 58.9923, 37.8364

Triad

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



59.5258, 58.9923, 38.3863



45.8774, 58.9923, 71.2679



63.9044, 58.9923, 90.8319

Complementary

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



59.5258, 58.9923, 38.3863



47.2016, 50.9086, 85.9358

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.



58.4759, 58.9923, 100.7091



59.5258, 58.9923, 38.3863



48.2293, 58.9923, 88.1777

Square

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



59.5258, 58.9923, 38.3863



46.1157, 58.9923, 55.0132



52.7514, 58.9923, 99.6618



67.3636, 58.9923, 74.4284

Rectangle

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



59.5258, 58.9923, 38.3863



50.3278, 58.9923, 40.8673



52.7514, 58.9923, 99.6618



62.2341, 58.9923, 95.1428

Sweetspot

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



59.5273, 58.9950, 38.3875



87.3726, 90.7848, 87.4135



55.3901, 44.3403, 56.6786



18.4838, 19.1668, 18.1130



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.



59.5273, 58.9950, 38.3875



67.8774, 65.9949, 37.1363



69.7192, 79.3787, 41.7848



15.7035, 16.3300, 15.8431



22.9597, 17.6137, 2.1897



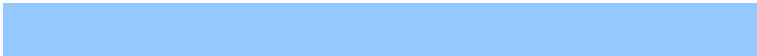
1.8992, 1.5757, 0.2040

Inverse Universe

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



47.2016, 50.9086, 85.9358



50.9307, 54.8786, 102.5160



39.5241, 35.5537, 83.3766



14.8377, 15.7618, 19.1826



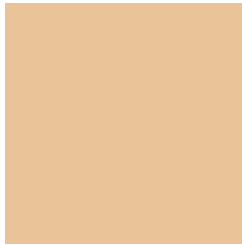
11.8605, 10.3680, 45.1191



1.0274, 1.0062, 3.5749

Previews

White Background



This preview shows how the XYZ color 59.5258, 58.9923, 38.3863 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 59.5258, 58.9923, 38.3863 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 59.5258, 58.9923, 38.3863

Background



This preview shows how black text looks on a background with the XYZ color 59.5258, 58.9923, 38.3863.



This preview shows how white text looks on a background with the XYZ color 59.5258, 58.9923,

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

59.5258, 58.9923, 38.3863

Protanopia

55.4402, 59.2403, 39.9650

Deuteranopia

60.3015, 59.0606, 38.3586



Tritanopia

64.6979, 58.8035, 64.4402

Trichromacy



Original Color

59.5258, 58.9923, 38.3863

Protanomaly

56.7712, 58.9014, 39.3873

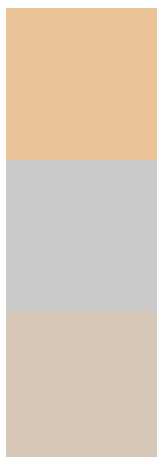
Deuteranomaly

59.9666, 58.8880, 38.3429

Tritanomaly

62.6477, 58.9415, 53.9739

Monochromacy



Original Color

59.5258, 58.9923, 38.3863

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8067, 58.6037, 53.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5258, 58.9923, 38.3863 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(235, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 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(235, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 153) }
```

Border

The CSS property to change the border of an element to XYZ 59.5258, 58.9923, 38.3863 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(235, 195, 153) }
```


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

```
.border{ border-color:rgb(235, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5258, 58.9923, 38.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 153) }
```

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

```
.background{ background-color: rgb(235,  
195, 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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