

Converting Colors

XYZ(58.1590, 57.6893, 39.0806)

Have a look what the booklet for
XYZ(58.1590, 57.6893, 39.0806)
contains.

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Color

**XYZ(58.2651, 57.6623,
39.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C19B
RGB	232, 193, 155
RGB Percent	91%, 76%, 61%
CMY	0.0902, 0.2431, 0.3922
CMYK	0.00, 0.17, 0.33, 0.09
HSL	30°, 63%, 76%
HSV	30°, 33%, 91%
XYZ	58.2651, 57.6623, 39.0694
YIQ	200.3290, 35.4420, -3.5500

Conversions

Conversions Part 2

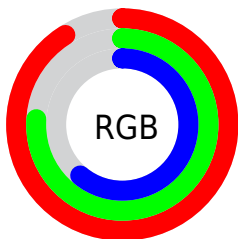
Format	Color
RYB	232, 230, 155
Decimal	15253915
CIELab	80.55, 8.58, 24.35
CIELCh	81, 25.813, 70.594
Yxy	57.6623, 0.3759, 0.3720
Android (android.graphics.Color)	4293443995 (0xFFE8C19B)
YUV	200.3290, -22.3472, 27.7755
Hunter-Lab	75.9357, 4.0747, 22.6499

Details

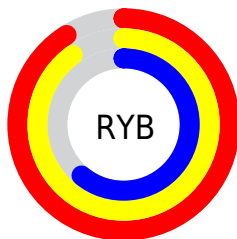
The XYZ color **58.2651, 57.6623, 39.0694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3743, 51.3768, 83.7639**, and the grayscale version is **55.2220, 58.0978, 63.2685**.

A 20% lighter version of the original color is **86.7485, 93.6645, 74.4797**, and **29.5560, 28.8696, 17.1113** is the 20% darker color. If you saturate the color by 10%, you get **54.0062, 51.9686, 28.9432**, and if you desaturate by 10%, it is **63.1077, 63.9238, 51.2382**.

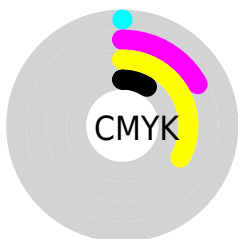
Distribution



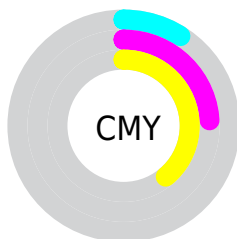
- Red (91%)
- Green (76%)
- Blue (61%)



- Red (91%)
- Yellow (90%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2651, 57.6623, 39.0694 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 58.2651, 57.6623, 39.0694 by changing the saturation by 10% instead.


 58.2651, 57.6623,
39.0694


 58.2651, 57.6623,
39.0694

408.1110,
415.9264, 357.6202

 42.2659, 41.5372,
26.5055


 101.4296,
101.4309, 74.9658

 29.5016, 28.7391,
16.9730


 129.3255,
129.8433, 99.1354

 19.6068, 18.8835,
10.0535


161.9178,
163.1201, 128.0107

 12.2161, 11.5862,
5.3284

199.5717,
201.6459, 162.0101

 6.9643, 6.4626,
2.3791

242.6526,
245.8051, 201.5522

 3.4859, 3.1283,
0.7750

291.5259,

 1.4156, 1.1991,

295.9819, 247.0555

0.0000

346.5569,
352.5609, 298.9387

■ 0.2673, 0.0610,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2651, 57.6623,
39.0694

■ 58.2651, 57.6623,
39.0694

■ 54.0062, 51.9686,
28.9432

■ 63.1077, 63.9238,
51.2382

■ 50.3003, 46.8165,
20.7412

■ 68.5540, 70.7623,
65.5518

■ 47.1202, 42.1895,
14.3381

■ 74.6283, 78.1967,
82.1098

■ 44.4341, 38.0664,
9.5921

■ 81.3522, 86.2426,
101.0046

■ 42.2061, 34.4245,
6.3397

■ 86.0613, 93.8409,
108.1849

■ 40.3932, 31.2375,
4.3830

■ 87.0888, 95.8958,
108.5274

■ 39.3536, 29.3055,
3.5824

Harmonies

Analogous

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



62.9207, 57.6623, 45.6328



58.2651, 57.6623, 39.0694



52.9527, 57.6623, 38.2289

Triad

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



58.2651, 57.6623, 39.0694



45.3806, 57.6623, 68.3085



61.7136, 57.6623, 87.6764

Complementary

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



58.2651, 57.6623, 39.0694



47.3743, 51.3768, 83.7639

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.



56.7026, 57.6623, 96.0918



58.2651, 57.6623, 39.0694



47.4214, 57.6623, 83.7712

Square

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



58.2651, 57.6623, 39.0694



45.7392, 57.6623, 53.5714



51.4871, 57.6623, 94.5574



64.9988, 57.6623, 72.9974

Rectangle

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



58.2651, 57.6623, 39.0694



49.7781, 57.6623, 40.8497



51.4871, 57.6623, 94.5574



60.1622, 57.6623, 91.4309

Sweetspot

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



58.2666, 57.6650, 39.0706



87.2305, 90.5006, 87.3661



54.8264, 44.5295, 57.2074



18.4495, 19.0981, 18.1016



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.



58.2666, 57.6650, 39.0706



68.4271, 66.4345, 39.3536



67.6921, 76.5159, 42.2124



14.9615, 15.5369, 15.1148



21.9732, 16.5205, 2.0307



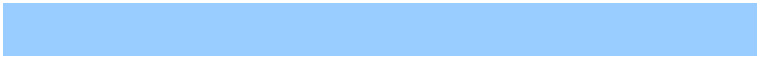
1.7166, 1.4064, 0.1810

Inverse Universe

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



47.3743, 51.3768, 83.7639



52.9360, 57.4905, 102.9145



40.0198, 36.6677, 81.3124



14.1831, 15.0876, 18.3090



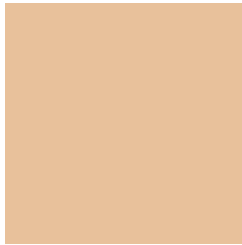
11.7760, 10.6141, 43.8112



0.9631, 0.9702, 3.2685

Previews

White Background



This preview shows how the XYZ color 58.2651, 57.6623, 39.0694 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 58.2651, 57.6623, 39.0694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

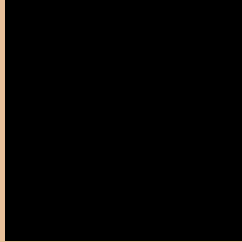
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2651, 57.6623, 39.0694

Background



This preview shows how black text looks on a background with the XYZ color 58.2651, 57.6623, 39.0694.



This preview shows how white text looks on a background with the XYZ color 58.2651, 57.6623,

39.0694.

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

58.2651, 57.6623, 39.0694

Protanopia

54.2664, 57.9233, 40.6679

Deuteranopia

58.6977, 57.5583, 39.0265



Tritanopia

63.2380, 57.7622, 63.0746

Trichromacy



Original Color

58.2651, 57.6623, 39.0694

Protanomaly

55.5673, 57.5825, 40.0841

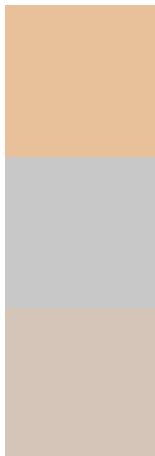
Deuteranomaly

58.3703, 57.3895, 39.0112

Tritanomaly

61.1103, 57.5181, 53.2286

Monochromacy



Original Color

58.2651, 57.6623, 39.0694

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7694, 57.3902, 53.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2651, 57.6623, 39.0694 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(232, 193, 155)` looks like.

```
.text, #text, p{  
  color:rgb(232, 193, 155)  
}
```

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(232, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 193, 155) }
```

Border

The CSS property to change the border of an element to XYZ 58.2651, 57.6623, 39.0694 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(232, 193, 155) }
```


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

```
.border{ border-color:rgb(232, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(232, 193,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2651, 57.6623, 39.0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 193, 155) }
```

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

```
.background{ background-color: rgb(232,  
193, 155) }
```

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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