

Converting Colors

XYZ(58.6555, 55.5910, 39.9864)

Have a look what the booklet for
XYZ(58.6555, 55.5910, 39.9864)
contains.

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Color

**XYZ(58.6555, 55.5910,
39.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBA9E
RGB	237, 186, 158
RGB Percent	93%, 73%, 62%
CMY	0.0706, 0.2706, 0.3804
CMYK	0.00, 0.22, 0.33, 0.07
HSL	21°, 69%, 77%
HSV	21°, 33%, 93%
XYZ	58.6555, 55.5910, 39.9864
YIQ	198.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

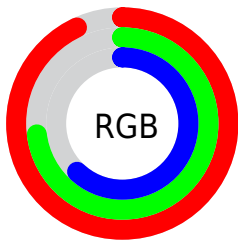
Format	Color
R _Y B	237, 201, 158
Decimal	15579806
CIE Lab	79.38, 14.57, 21.23
CIE LCh	79, 25.744, 55.538
Yxy	55.5910, 0.3803, 0.3604
Android (android.graphics.Color)	4293769886 (0xFFEDBA9E)
YUV	198.0570, -19.7481, 34.1530
Hunter-Lab	74.5594, 9.9462, 20.3942

Details

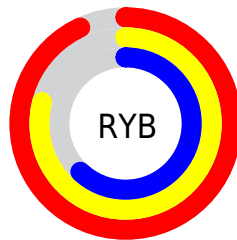
The XYZ color **58.6555, 55.5910, 39.9864** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1862, 58.9823, 88.7550**, and the grayscale version is **53.8119, 56.6143, 61.6530**.

A 20% lighter version of the original color is **85.0024, 89.5684, 75.7591**, and **29.8114, 27.5190, 17.3761** is the 20% darker color. If you saturate the color by 10%, you get **53.7570, 48.7497, 29.2410**, and if you desaturate by 10%, it is **64.2954, 63.2850, 52.9209**.

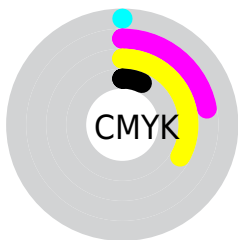
Distribution



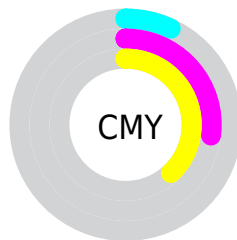
- Red (93%)
- Green (73%)
- Blue (62%)



- Red (93%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6555, 55.5910, 39.9864 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 58.6555, 55.5910, 39.9864 by changing the saturation by 10% instead.


 58.6555, 55.5910,
39.9864


 58.6555, 55.5910,
39.9864


409.5387,
408.1483, 361.6166

 42.5812, 39.8751,
27.2142


 101.9943, 98.4063,
76.3797

 29.7497, 27.4412,
17.5003


 129.9895,
126.2745, 100.8378

 19.7958, 17.9048,
10.4261

162.6890,
158.9623, 130.0284

 12.3541, 10.8817,
5.5731

200.4581,
196.8540, 164.3700

 7.0592, 5.9873,
2.5227

243.6623,
240.3341, 204.2811

 3.5458, 2.8374,
0.8522

292.6669,

 1.4486, 1.0474,

289.7869, 250.1802

0.0000

347.8372,
345.5968, 302.4858

■ 0.2904, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6555, 55.5910,
39.9864

■ 58.6555, 55.5910,
39.9864

■ 53.7570, 48.7497,
29.2410

■ 64.2954, 63.2850,
52.9209

■ 49.5620, 42.7226,
20.5582

■ 70.7037, 71.8530,
68.1546

■ 46.0356, 37.4796,
13.8037

■ 77.9110, 81.3251,
85.7941

■ 43.1378, 32.9854,
8.8254

■ 85.9450, 91.7276,
105.9382

■ 40.8233, 29.2016,
5.4482

■ 88.7350, 96.7445,
108.6045

■ 39.0390, 26.0851,
3.4598

■ 38.0966, 24.3476,
2.6916

Harmonies

Analogous

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



62.3091, 55.5910, 49.0826



58.6555, 55.5910, 39.9864



53.6135, 55.5910, 36.3818

Triad

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



58.6555, 55.5910, 39.9864



43.5468, 55.5910, 58.3445



57.2332, 55.5910, 89.9719

Complementary

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



58.6555, 55.5910, 39.9864



52.1862, 58.9823, 88.7550

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.



52.0691, 55.5910, 93.5227



58.6555, 55.5910, 39.9864



44.3781, 55.5910, 73.6298

Square

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



58.6555, 55.5910, 39.9864



45.0690, 55.5910, 45.8265



47.4177, 55.5910, 87.1222



61.4511, 55.5910, 78.0815

Rectangle

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



58.6555, 55.5910, 39.9864



50.2230, 55.5910, 37.0645



47.4177, 55.5910, 87.1222



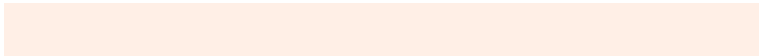
55.5413, 55.5910, 92.2551

Sweetspot

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



58.6569, 55.5936, 39.9875



86.1847, 88.4089, 87.0175



58.7042, 47.0796, 66.5426



18.1971, 18.5933, 18.0175



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.



58.6569, 55.5936, 39.9875



65.2215, 60.0234, 38.2851



68.0626, 74.4049, 43.1227



15.5024, 15.9277, 15.7760



20.9114, 13.5171, 1.5069



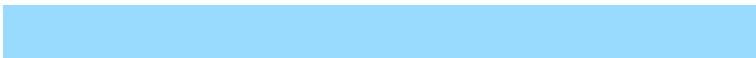
1.7299, 1.2371, 0.1476

Inverse Universe

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



52.1862, 58.9823, 88.7550



56.4770, 64.5726, 104.0948



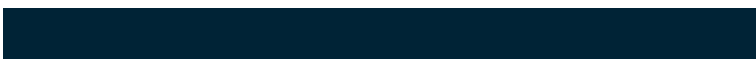
43.7338, 42.0774, 85.9375



15.0424, 16.1712, 19.2508



14.6916, 16.0302, 46.0628



1.2437, 1.4389, 3.6471

Previews

White Background



This preview shows how the XYZ color 58.6555, 55.5910, 39.9864 looks on a white background.

Color Contrast Check

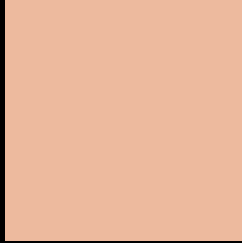
Large Text (above 18pt) WCAG AA × Fail

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 58.6555, 55.5910, 39.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

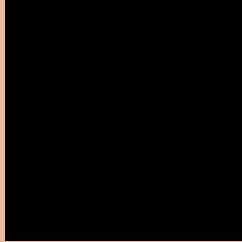
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6555, 55.5910, 39.9864

Background



This preview shows how black text looks on a background with the XYZ color 58.6555, 55.5910, 39.9864.



This preview shows how white text looks on a background with the XYZ color 58.6555, 55.5910,

39.9864.

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

58.6555, 55.5910, 39.9864

Protanopia

52.3632, 55.5341, 42.6096

Deuteranopia

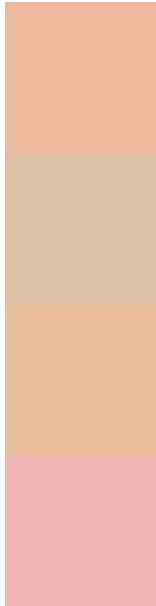
56.5965, 55.4875, 39.6255



Tritanopia

62.6498, 55.6886, 59.0767

Trichromacy



Original Color

58.6555, 55.5910, 39.9864

Protanomaly

54.4961, 55.3326, 41.5262

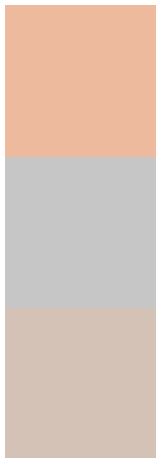
Deuteranomaly

57.3477, 55.5566, 39.5992

Tritanomaly

61.3122, 55.7696, 51.7891

Monochromacy



Original Color

58.6555, 55.5910, 39.9864

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9904, 55.9995, 52.7104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6555, 55.5910, 39.9864 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(237, 186, 158)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 158)  
}
```

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(237, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 158) }
```

Border

The CSS property to change the border of an element to XYZ 58.6555, 55.5910, 39.9864 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(237, 186, 158) }
```


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

```
.border{ border-color:rgb(237, 186, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 158);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6555, 55.5910, 39.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 158) }
```

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

```
.background{ background-color: rgb(237,  
186, 158) }
```

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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