

Converting Colors

XYZ(59.8343, 55.9308, 43.7164)

Have a look what the booklet for
XYZ(59.8343, 55.9308, 43.7164)
contains.

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Color

**XYZ(59.8285, 55.8018,
43.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB9A6
RGB	239, 185, 166
RGB Percent	94%, 73%, 65%
CMY	0.0627, 0.2745, 0.3490
CMYK	0.00, 0.23, 0.31, 0.06
HSL	16°, 70%, 79%
HSV	16°, 31%, 94%
XYZ	59.8285, 55.8018, 43.6939
YIQ	198.9800, 38.2830, 5.5390

Conversions

Conversions Part 2

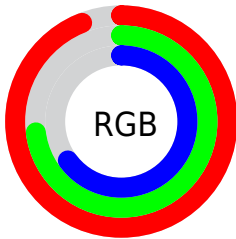
Format	Color
R _Y B	239, 192, 166
Decimal	15710630
CIE Lab	79.50, 16.87, 17.14
CIE LCh	80, 24.045, 45.454
Yxy	55.8018, 0.3755, 0.3502
Android (android.graphics.Color)	4293900710 (0xFFEFB9A6)
YUV	198.9800, -16.2591, 35.0975
Hunter-Lab	74.7006, 12.2365, 17.6105

Details

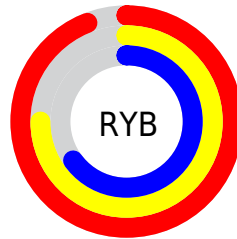
The XYZ color **59.8285, 55.8018, 43.6939** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8983, 65.5233, 91.3100**, and the grayscale version is **54.3550, 57.1857, 62.2752**.

A 20% lighter version of the original color is **85.7464, 89.3911, 81.1415**, and **30.5799, 27.6625, 19.6473** is the 20% darker color. If you saturate the color by 10%, you get **54.3657, 48.0646, 32.0431**, and if you desaturate by 10%, it is **66.1615, 64.6269, 57.6459**.

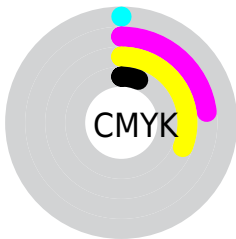
Distribution



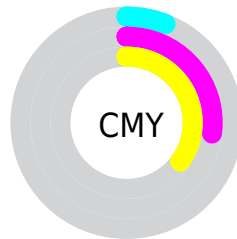
- Red (94%)
- Green (73%)
- Blue (65%)



- Red (94%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8285, 55.8018, 43.6939 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 59.8285, 55.8018, 43.6939 by changing the saturation by 10% instead.


 59.8285, 55.8018,
43.6939


 59.8285, 55.8018,
43.6939


413.8102,
408.9441, 377.4624

 43.5293, 40.0440,
30.0945


 103.6886, 98.7147,
82.0545

 30.4970, 27.5729,
19.6577


 131.9803,
126.6387, 107.6528

 20.3661, 18.0039,
11.9649


165.0002,
159.3868, 138.0878

 12.7712, 10.9528,
6.5975

203.1136,
197.3435, 173.7780

 7.3471, 6.0351,
3.1371

246.6860,
240.8932, 215.1421

 3.7284, 2.8664,
1.1650

296.0826,

 1.5496, 1.0624,

290.4203, 262.5985

0.0000

351.6689,
346.3091, 316.5657

■ 0.3592, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8285, 55.8018,
43.6939

■ 59.8285, 55.8018,
43.6939

■ 54.3657, 48.0646,
32.0431

■ 66.1615, 64.6269,
57.6459

■ 49.7293, 41.3648,
22.5655

■ 73.3972, 74.5722,
74.0109

■ 45.8781, 35.6594,
15.1256

■ 81.5716, 85.6784,
92.8975

■ 42.7655, 30.8992,
9.5711

■ 89.4067, 97.0908,
108.6359

■ 40.3391, 27.0307,
5.7282

■ 38.5389, 23.9942,
3.3899

■ 37.3314, 21.8201,
2.2441

Harmonies

Analogous

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



62.5101, 55.8018, 53.9381



59.8285, 55.8018, 43.6939



55.4066, 55.8018, 38.4639

Triad

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



59.8285, 55.8018, 43.6939



44.5406, 55.8018, 54.3157



55.5534, 55.8018, 90.1951

Complementary

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



59.8285, 55.8018, 43.6939



56.8983, 65.5233, 91.3100

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.



50.7377, 55.8018, 90.3374



59.8285, 55.8018, 43.6939



44.5745, 55.8018, 68.1313

Square

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



59.8285, 55.8018, 43.6939



46.6859, 55.8018, 43.9340



46.7817, 55.8018, 81.7723



59.9415, 55.8018, 81.4089

Rectangle

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



59.8285, 55.8018, 43.6939



52.1594, 55.8018, 37.9263



46.7817, 55.8018, 81.7723



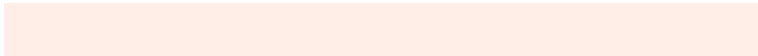
53.9263, 55.8018, 91.2952

Sweetspot

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



59.8300, 55.8044, 43.6950



86.3944, 88.2526, 88.8621



62.2511, 50.8309, 74.7628



18.2105, 18.5055, 18.3755



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.



59.8300, 55.8044, 43.6950



65.0358, 58.6080, 41.4413



68.2704, 72.6853, 46.5085



16.1074, 16.4278, 16.4717



20.7202, 12.2385, 1.2702



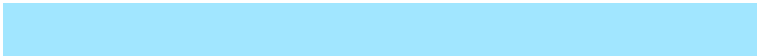
1.8018, 1.1742, 0.1317

Inverse Universe

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



56.8983, 65.5233, 91.3100



61.0961, 71.5979, 105.2074



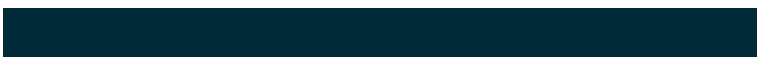
48.4989, 48.7246, 88.5102



15.8789, 17.1918, 20.2031



17.3861, 20.9964, 48.2642



1.5264, 1.9068, 4.0418

Previews

White Background



This preview shows how the XYZ color 59.8285, 55.8018, 43.6939 looks on a white background.

Color Contrast Check

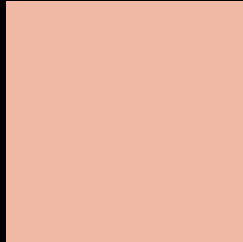
Large Text (above 18pt) WCAG AA × Fail

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 59.8285, 55.8018, 43.6939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

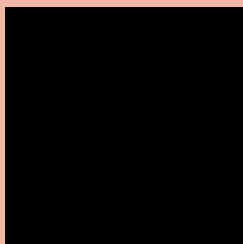
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8285, 55.8018, 43.6939

Background



This preview shows how black text looks on a background with the XYZ color 59.8285, 55.8018, 43.6939.



This preview shows how white text looks on a background with the XYZ color 59.8285, 55.8018,

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

59.8285, 55.8018, 43.6939

Protanopia

53.1448, 56.1765, 47.0718

Deuteranopia

57.1999, 56.0375, 43.3989



Tritanopia

62.9921, 55.8651, 59.0928

Trichromacy



Original Color

59.8285, 55.8018, 43.6939

Protanomaly

55.5391, 56.1023, 45.9318

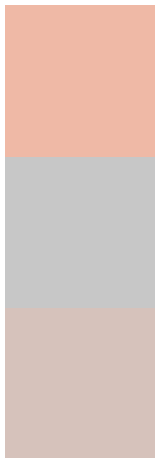
Deuteranomaly

58.0535, 55.8389, 43.3155

Tritanomaly

61.6553, 55.6174, 52.8330

Monochromacy



Original Color

59.8285, 55.8018, 43.6939

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9930, 56.4676, 54.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8285, 55.8018, 43.6939 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(239, 185, 166)` looks like.

```
.text, #text, p{  
  color:rgb(239, 185, 166)  
}
```

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(239, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 185, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.8285, 55.8018, 43.6939 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(239, 185, 166) }
```


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

```
.border{ border-color:rgb(239, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(239, 185,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8285, 55.8018, 43.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 185, 166) }
```

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

```
.background{ background-color: rgb(239,  
185, 166) }
```

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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