

Converting Colors

XYZ(58.5359, 54.2136, 43.4555)

Have a look what the booklet for
XYZ(58.5359, 54.2136, 43.4555)
contains.

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Color

**XYZ(58.5359, 54.2136,
43.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB6A6
RGB	237, 182, 166
RGB Percent	93%, 71%, 65%
CMY	0.0706, 0.2863, 0.3490
CMYK	0.00, 0.23, 0.30, 0.07
HSL	14°, 66%, 79%
HSV	14°, 30%, 93%
XYZ	58.5359, 54.2136, 43.4555
YIQ	196.6210, 37.9160, 6.6840

Conversions

Conversions Part 2

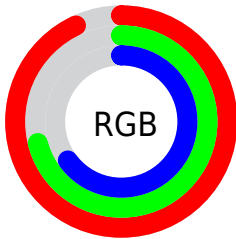
Format	Color
RYB	237, 187, 166
Decimal	15578790
CIELab	78.59, 17.70, 15.83
CIElCh	79, 23.746, 41.803
Yxy	54.2136, 0.3747, 0.3471
Android (android.graphics.Color)	4293768870 (0xFFEDB6A6)
YUV	196.6210, -15.0962, 35.4124
Hunter-Lab	73.6299, 13.0555, 16.5487

Details

The XYZ color **58.5359, 54.2136, 43.4555** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8675, 65.9321, 89.8497**, and the grayscale version is **52.9157, 55.6715, 60.6262**.

A 20% lighter version of the original color is **84.8657, 87.6295, 80.8479**, and **29.7099, 26.6187, 19.4916** is the 20% darker color. If you saturate the color by 10%, you get **53.0429, 46.3919, 31.8689**, and if you desaturate by 10%, it is **64.9253, 63.1864, 57.3185**.

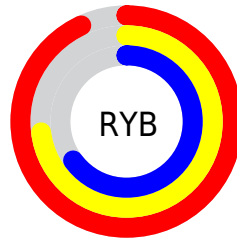
Distribution



Red (93%)

Green (71%)

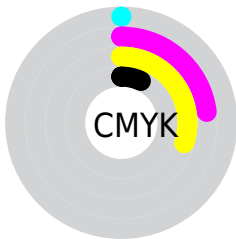
Blue (65%)



Red (93%)

Yellow (73%)

Blue (65%)

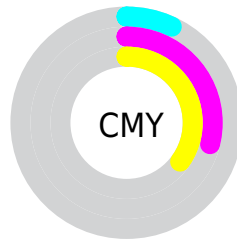


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5359, 54.2136, 43.4555 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 58.5359, 54.2136, 43.4555 by changing the saturation by 10% instead.

 58.5359, 54.2136,
43.4555


 58.5359, 54.2136,
43.4555


409.1016,
402.9240, 376.4578

 42.4846, 38.7725,
29.9086


 101.8213, 96.3878,
81.6915

 29.6737, 26.5828,
19.5178


 129.7861,
123.8896, 107.2177

 19.7379, 17.2601,
11.8644

162.4528,
156.1805, 137.5741

 12.3118, 10.4201,
6.5300

200.1867,
193.6448, 173.1792

 7.0301, 5.6784,
3.0960

243.3532,
236.6669, 214.4516

 3.5274, 2.6505,
1.1439

292.3176,

 1.4384, 0.9521,

285.6312, 261.8098

0.0000

347.4453,
340.9221, 315.6723

■ 0.2834, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5359, 54.2136,
43.4555

■ 58.5359, 54.2136,
43.4555

■ 53.0429, 46.3919,
31.8689

■ 64.9253, 63.1864,
57.3185

■ 48.4009, 39.6667,
22.4330

■ 72.2452, 73.3467,
73.5679

■ 44.5669, 33.9905,
15.0149

■ 80.5329, 84.7388,
92.3102

■ 41.4924, 29.3091,
9.4655

■ 88.7351, 96.7445,
108.6045

■ 39.1230, 25.5631,
5.6148

■ 37.3963, 22.6864,
3.2613

■ 36.2218, 20.5971,
2.0694

■ 36.2176, 20.5896,
2.0653

Harmonies

Analogous

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



60.8539, 54.2136, 53.9106



58.5359, 54.2136, 43.4555



54.3917, 54.2136, 37.7652

Triad

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



58.5359, 54.2136, 43.4555



43.4395, 54.2136, 51.3372



53.3921, 54.2136, 88.0391

Complementary

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



58.5359, 54.2136, 43.4555



56.8675, 65.9321, 89.8497

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.



48.7674, 54.2136, 87.0708



58.5359, 54.2136, 43.4555



43.2079, 54.2136, 64.4623

Square

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



58.5359, 54.2136, 43.4555



45.7568, 54.2136, 41.8181



45.1037, 54.2136, 77.9399



57.7661, 54.2136, 80.4137

Rectangle

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



58.5359, 54.2136, 43.4555



51.2457, 54.2136, 36.8250



45.1037, 54.2136, 77.9399



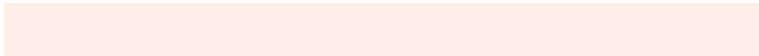
51.8121, 54.2136, 88.7359

Sweetspot

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



58.5373, 54.2161, 43.4566



86.1615, 87.7869, 88.7845



61.6951, 50.5309, 75.3402



18.1535, 18.3915, 18.3565



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.



58.5373, 54.2161, 43.4566



64.9872, 58.1483, 42.5429



66.5911, 70.3236, 46.1412



15.3409, 15.6048, 15.7222



19.8543, 11.4027, 1.1545



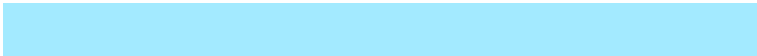
1.6296, 1.0366, 0.1142

Inverse Universe

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



56.8675, 65.9321, 89.8497



62.7054, 74.0479, 105.5955



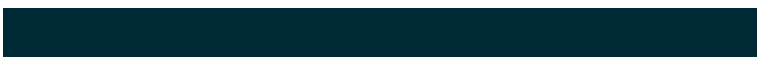
48.5960, 49.3890, 87.0926



15.2130, 16.5124, 19.3077



17.7584, 22.1639, 47.0851



1.4649, 1.8813, 3.7208

Previews

White Background



This preview shows how the XYZ color 58.5359, 54.2136, 43.4555 looks on a white background.

Color Contrast Check

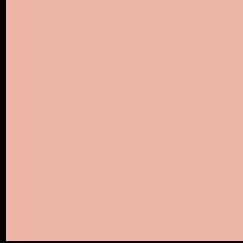
Large Text (above 18pt) WCAG AA × Fail

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 58.5359, 54.2136, 43.4555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

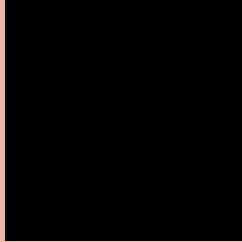
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5359, 54.2136, 43.4555

Background



This preview shows how black text looks on a background with the XYZ color 58.5359, 54.2136, 43.4555.



This preview shows how white text looks on a background with the XYZ color 58.5359, 54.2136,

43.4555.

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

58.5359, 54.2136, 43.4555

Protanopia

51.3668, 54.2586, 46.7954

Deuteranopia

55.3023, 54.1046, 43.1258



Tritanopia

61.3700, 54.1718, 57.0908

Trichromacy



Original Color

58.5359, 54.2136, 43.4555

Protanomaly

53.6935, 54.1763, 45.6573

Deuteranomaly

56.4536, 54.0725, 43.0589

Tritanomaly

60.2639, 54.0098, 52.0484

Monochromacy



Original Color

58.5359, 54.2136, 43.4555

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8639, 55.2415, 54.2254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5359, 54.2136, 43.4555 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, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 182, 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(237, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 182, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.5359, 54.2136, 43.4555 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, 182, 166) }
```


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

```
.border{ border-color:rgb(237, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 182,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5359, 54.2136, 43.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 182, 166) }
```

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

```
.background{ background-color: rgb(237,  
182, 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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