

Converting Colors

XYZ(58.2289, 54.0977, 44.3917)

Have a look what the booklet for
XYZ(58.2289, 54.0977, 44.3917)
contains.

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Color

**XYZ(58.0568, 53.9452,
44.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB6A8
RGB	235, 182, 168
RGB Percent	92%, 71%, 66%
CMY	0.0784, 0.2863, 0.3412
CMYK	0.00, 0.23, 0.29, 0.08
HSL	13°, 63%, 79%
HSV	13°, 29%, 92%
XYZ	58.0568, 53.9452, 44.3983
YIQ	196.2510, 36.0820, 6.8820

Conversions

Conversions Part 2

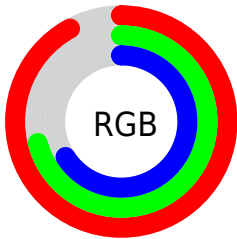
Format	Color
R _Y B	235, 186, 168
Decimal	15447720
CIE Lab	78.43, 17.21, 14.50
CIE LCh	78, 22.507, 40.115
Yxy	53.9452, 0.3712, 0.3449
Android (android.graphics.Color)	4293637800 (0xFFEBB6A8)
YUV	196.2510, -13.9277, 33.9829
Hunter-Lab	73.4474, 12.5631, 15.5729

Details

The XYZ color **58.0568, 53.9452, 44.3983** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.9996, 66.0339, 88.3392**, and the grayscale version is **52.6870, 55.4308, 60.3642**.

A 20% lighter version of the original color is **85.1338, 87.7368, 82.2599**, and **29.3627, 26.4264, 20.0762** is the 20% darker color. If you saturate the color by 10%, you get **52.5050, 46.0342, 32.7051**, and if you desaturate by 10%, it is **64.5124, 63.0301, 58.3459**.

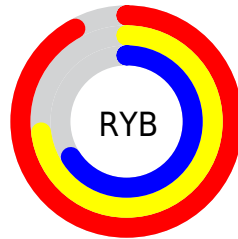
Distribution



Red (92%)

Green (71%)

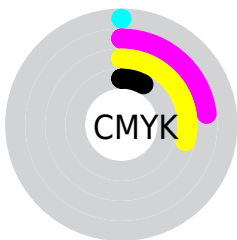
Blue (66%)



Red (92%)

Yellow (73%)

Blue (66%)

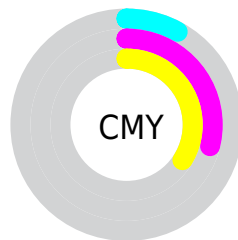


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (29%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0568, 53.9452, 44.3983 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 58.0568, 53.9452, 44.3983 by changing the saturation by 10% instead.


 58.0568, 53.9452,
44.3983


 58.0568, 53.9452,
44.3983


407.3480,
401.9010, 380.4200

 42.0978, 38.5579,
30.6443


 101.1281, 95.9938,
83.1256

 29.3693, 26.4159,
20.0719


 128.9710,
123.4238, 108.9360

 19.5060, 17.1351,
12.2627


161.5059,
155.6368, 139.6022

 12.1427, 10.3308,
6.7982

199.0982,
193.0173, 175.5428

 6.9138, 5.6189,
3.2597

242.1132,
235.9495, 217.1763

 3.4541, 2.6147,
1.2287

290.9162,

 1.3982, 0.9341,

284.8180, 264.9214

0.0023

345.8727,
340.0070, 319.1964

■ 0.2549, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0568, 53.9452,
44.3983

■ 58.0568, 53.9452,
44.3983

■ 52.5050, 46.0342,
32.7051

■ 64.5124, 63.0301,
58.3459

■ 47.8118, 39.2416,
23.1440

■ 71.9060, 73.3265,
74.6545

■ 43.9340, 33.5183,
15.5863

■ 80.2750, 84.8798,
93.4282

■ 40.8233, 28.8089,
9.8878

■ 88.0711, 96.4022,
108.5734

■ 38.4256, 25.0526,
5.8850

■ 36.6791, 22.1817,
3.3853

■ 35.5034, 20.1161,
2.1121

■ 35.3645, 19.8690,
1.9712

Harmonies

Analogous

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



60.1107, 53.9452, 54.5619



58.0568, 53.9452, 44.3983



54.2210, 53.9452, 38.6791

Triad

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



58.0568, 53.9452, 44.3983



43.6836, 53.9452, 50.8354



52.7817, 53.9452, 86.1292

Complementary

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



58.0568, 53.9452, 44.3983



56.9996, 66.0339, 88.3392

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.



48.4344, 53.9452, 84.7509



58.0568, 53.9452, 44.3983



43.3475, 53.9452, 63.1201

Square

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



58.0568, 53.9452, 44.3983



45.9859, 53.9452, 42.0085



45.0399, 53.9452, 75.8720



56.9512, 53.9452, 79.4045

Rectangle

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



58.0568, 53.9452, 44.3983



51.2562, 53.9452, 37.5902



45.0399, 53.9452, 75.8720



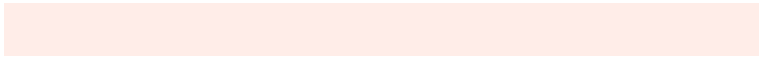
51.2904, 53.9452, 86.6188

Sweetspot

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



58.0582, 53.9477, 44.3994



86.0525, 87.5689, 88.7482



61.3953, 50.9205, 75.4197



18.1269, 18.3382, 18.3476



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.



58.0582, 53.9477, 44.3994



65.9839, 59.3944, 45.1790



65.6042, 69.0398, 46.9147



15.3206, 15.5641, 15.7154



19.7559, 11.2061, 1.1217



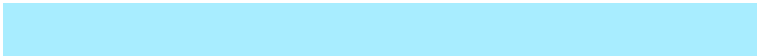
1.6192, 1.0157, 0.1107

Inverse Universe

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



56.9996, 66.0339, 88.3392



64.5111, 76.0753, 105.8916



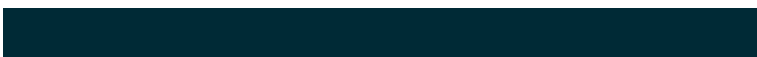
49.1490, 50.3328, 85.7223



15.2349, 16.5562, 19.3149



18.1991, 23.0451, 47.2319



1.4960, 1.9435, 3.7312

Previews

White Background



This preview shows how the XYZ color 58.0568, 53.9452, 44.3983 looks on a white background.

Color Contrast Check

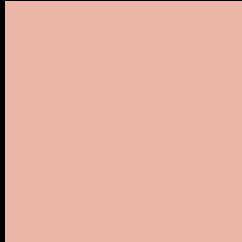
Large Text (above 18pt) WCAG AA × Fail

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 58.0568, 53.9452, 44.3983 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 58.0568, 53.9452, 44.3983

Background



This preview shows how black text looks on a background with the XYZ color 58.0568, 53.9452, 44.3983.



This preview shows how white text looks on a background with the XYZ color 58.0568, 53.9452,

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

58.0568, 53.9452, 44.3983

Protanopia

51.5604, 54.3361, 47.8148

Deuteranopia

55.1768, 54.0186, 44.0777



Tritanopia

60.6947, 53.8237, 57.0592

Trichromacy



Original Color

58.0568, 53.9452, 44.3983

Protanomaly

53.8842, 54.2525, 46.6615

Deuteranomaly

56.0026, 53.8188, 43.9956

Tritanomaly

59.5924, 53.6636, 52.0170

Monochromacy



Original Color

58.0568, 53.9452, 44.3983

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0721, 54.5084, 54.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0568, 53.9452, 44.3983 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, 182, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 168)  
}
```

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, 182, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 168) }
```

Border

The CSS property to change the border of an element to XYZ 58.0568, 53.9452, 44.3983 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, 182, 168) }
```


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

```
.border{ border-color:rgb(235, 182, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 182, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0568, 53.9452, 44.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 168) }
```

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

```
.background{ background-color: rgb(235,  
182, 168) }
```

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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