

Converting Colors

XYZ(58.5823, 51.9652, 44.2860)

Have a look what the booklet for
XYZ(58.5823, 51.9652, 44.2860)
contains.

XYZ(58.5731, 51.8374, 44.4546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5731, 51.8374,
44.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AEA9
RGB	241, 174, 169
RGB Percent	95%, 68%, 66%
CMY	0.0549, 0.3176, 0.3372
CMYK	0.00, 0.28, 0.30, 0.05
HSL	4°, 72%, 80%
HSV	4°, 30%, 95%
XYZ	58.5731, 51.8374, 44.4546
YIQ	193.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

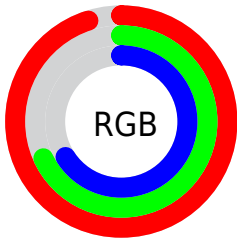
Format	Color
R _Y B	241, 174, 169
Decimal	15838889
CIE Lab	77.18, 23.84, 12.29
CIE LCh	77, 26.819, 27.275
Yxy	51.8374, 0.3782, 0.3347
Android (android.graphics.Color)	4294028969 (0xFFFF1AEA9)
YUV	193.4630, -12.0603, 41.6899
Hunter-Lab	71.9982, 19.2193, 13.7907

Details

The XYZ color **58.5731, 51.8374, 44.4546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.2339, 74.7744, 94.3721**, and the grayscale version is **51.0139, 53.6706, 58.4473**.

A 20% lighter version of the original color is **82.9914, 83.2354, 82.2129**, and **29.5767, 25.0264, 20.1013** is the 20% darker color. If you saturate the color by 10%, you get **52.5393, 43.0628, 32.2910**, and if you desaturate by 10%, it is **65.7499, 62.2301, 59.0576**.

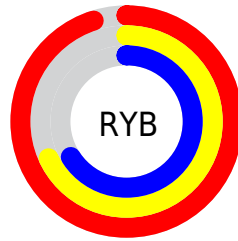
Distribution



Red (95%)

Green (68%)

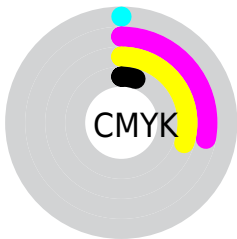
Blue (66%)



Red (95%)

Yellow (68%)

Blue (66%)

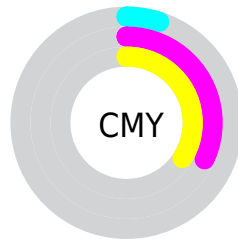


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (5%)



Cyan (5%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5731, 51.8374, 44.4546 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 58.5731, 51.8374, 44.4546 by changing the saturation by 10% instead.


 58.5731, 51.8374,
44.4546

 58.5731, 51.8374,
44.4546

409.2376,
393.8086, 380.6557

 42.5146, 36.8755,
30.6882


 101.8751, 92.8914,
83.2111

 29.6973, 25.1111,
20.1051


129.8494,
119.7523, 109.0384

 19.7559, 16.1598,
12.2866


162.5263,
151.3482, 139.7230

 12.3250, 9.6373,
6.8143

200.2711,
188.0637, 175.6835

 7.0392, 5.1592,
3.2696

243.4493,
230.2831, 217.3385

 3.5332, 2.3410,
1.2339

292.4263,

 1.4416, 0.7953,

278.3908, 265.1065

0.0066

347.5672,
332.7711, 319.4061

■ 0.2856, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5731, 51.8374,
44.4546

■ 58.5731, 51.8374,
44.4546

■ 52.5393, 43.0628,
32.2910

■ 65.7499, 62.2301,
59.0576

■ 47.5856, 35.8181,
22.4309

■ 74.1202, 74.3088,
76.2195

■ 43.6492, 30.0178,
14.7298

■ 83.7364, 88.1465,
96.0559

■ 40.6593, 25.5649,
9.0258

■ 90.0857, 97.4408,
108.6677

■ 38.5358, 22.3508,
5.1339

■ 37.1854, 20.2497,
2.8349

■ 36.4783, 19.1034,
1.7733

■ 36.4723, 19.0941,
1.7632

Harmonies

Analogous

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



59.8005, 51.8374, 57.7966



58.5731, 51.8374, 44.4546



54.8004, 51.8374, 35.8459

Triad

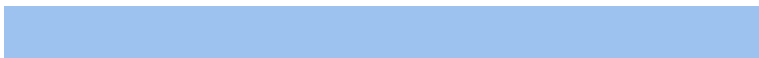
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5731, 51.8374, 44.4546



41.4245, 51.8374, 42.4989



48.8022, 51.8374, 89.6454

Complementary

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



58.5731, 51.8374, 44.4546



62.2339, 74.7744, 94.3721

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.



44.1246, 51.8374, 83.7172



58.5731, 51.8374, 44.4546



40.0544, 51.8374, 55.1089

Square

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



58.5731, 51.8374, 44.4546



44.8840, 51.8374, 34.8622



41.0079, 51.8374, 70.4114



53.9326, 51.8374, 85.4772

Rectangle

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



58.5731, 51.8374, 44.4546



51.4760, 51.8374, 33.1164



41.0079, 51.8374, 70.4114



47.1277, 51.8374, 88.7469

Sweetspot

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



58.5745, 51.8398, 44.4556



85.1345, 85.7329, 88.4422



65.6334, 53.1450, 86.3083



17.9027, 17.8899, 18.2729



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.



58.5745, 51.8398, 44.4556



62.1651, 52.5041, 41.6022



66.4347, 67.5603, 47.0757



15.8610, 15.9352, 16.3895



19.8124, 10.4228, 0.9676



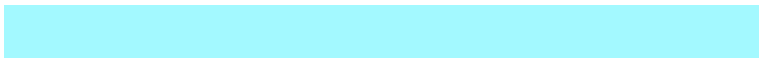
1.6788, 0.9283, 0.0907

Inverse Universe

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



62.2339, 74.7744, 94.3721



66.9533, 82.5437, 107.0115



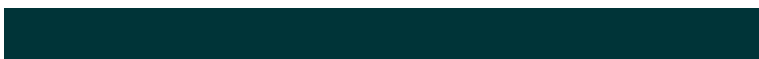
52.9405, 56.1877, 91.2744



16.1478, 17.7298, 20.2927



23.1422, 32.5086, 50.1829



1.9532, 2.7604, 4.1841

Previews

White Background



This preview shows how the XYZ color 58.5731, 51.8374, 44.4546 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 58.5731, 51.8374, 44.4546 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 58.5731, 51.8374, 44.4546

Background



This preview shows how black text looks on a background with the XYZ color 58.5731, 51.8374, 44.4546.



This preview shows how white text looks on a background with the XYZ color 58.5731, 51.8374,

44.4546.

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

58.5731, 51.8374, 44.4546

Protanopia

49.7380, 52.0470, 49.5441

Deuteranopia

53.0290, 51.9764, 43.7967



Tritanopia

60.4716, 52.0625, 52.7608

Trichromacy



Original Color

58.5731, 51.8374, 44.4546

Protanomaly

52.6099, 51.6723, 47.7583

Deuteranomaly

54.7532, 51.6384, 44.1272

Tritanomaly

59.6982, 52.0191, 49.5421

Monochromacy



Original Color

58.5731, 51.8374, 44.4546

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.7890, 52.2801, 52.6562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5731, 51.8374, 44.4546 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(241, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 174, 169)  
}
```

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(241, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 174, 169) }
```

Border

The CSS property to change the border of an element to XYZ 58.5731, 51.8374, 44.4546 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(241, 174, 169) }
```


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

```
.border{ border-color:rgb(241, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 174,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5731, 51.8374, 44.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 174, 169) }
```

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

```
.background{ background-color: rgb(241,  
174, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor