

Converting Colors

XYZ(59.3402, 54.7814, 50.1119)

Have a look what the booklet for
XYZ(59.3402, 54.7814, 50.1119)
contains.

XYZ(59.3311, 54.7838, 50.0951)	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(59.3311, 54.7838,
50.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB7B3
RGB	235, 183, 179
RGB Percent	92%, 72%, 70%
CMY	0.0784, 0.2823, 0.2980
CMYK	0.00, 0.22, 0.24, 0.08
HSL	4°, 58%, 81%
HSV	4°, 24%, 92%
XYZ	59.3311, 54.7838, 50.0951
YIQ	198.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

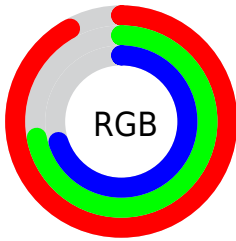
Format	Color
R _Y B	235, 183, 179
Decimal	15447987
CIE Lab	78.92, 18.19, 9.25
CIE LCh	79, 20.412, 26.951
Yxy	54.7838, 0.3613, 0.3336
Android (android.graphics.Color)	4293638067 (0xFFEBB7B3)
YUV	198.0920, -9.4124, 32.3683
Hunter-Lab	74.0161, 13.5570, 11.6830

Details

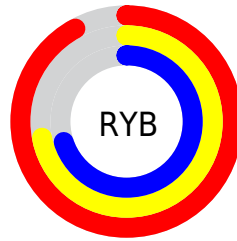
The XYZ color **59.3311, 54.7838, 50.0951** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1610, 72.7316, 89.3599**, and the grayscale version is **53.7753, 56.5758, 61.6111**.

A 20% lighter version of the original color is **87.1019, 88.9912, 91.1835**, and **30.1086, 26.9366, 23.3511** is the 20% darker color. If you saturate the color by 10%, you get **52.9971, 45.6005, 37.2401**, and if you desaturate by 10%, it is **66.7708, 65.5294, 65.3182**.

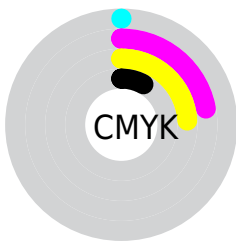
Distribution



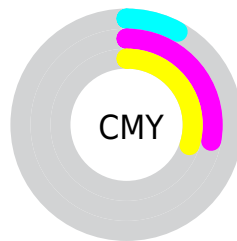
- Red (92%)
- Green (72%)
- Blue (70%)



- Red (92%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3311, 54.7838, 50.0951 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 59.3311, 54.7838, 50.0951 by changing the saturation by 10% instead.


 59.3311, 54.7838,
50.0951

 59.3311, 54.7838,
50.0951


412.0022,
405.0919, 403.7834

 43.1271, 39.2287,
35.1173


 102.9706, 97.2241,
91.7135

 30.1798, 26.9376,
23.4689


131.1368,
124.8781, 119.1912

 20.1239, 17.5264,
14.7316


164.0212,
157.3338, 151.6725

 12.5939, 10.6105,
8.4867

201.9890,
194.9756, 189.5761

 7.2246, 5.8056,
4.3157

245.4057,
238.1879, 233.3204

 3.6505, 2.7272,
1.8001

294.6365,

 1.5064, 0.9910,

287.3551, 283.3241

0.4280

350.0469,
342.8616, 340.0056

■ 0.3302, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3311, 54.7838,
50.0951

■ 59.3311, 54.7838,
50.0951

■ 52.9971, 45.6005,
37.2401

■ 66.7708, 65.5294,
65.3182

■ 47.7118, 37.8998,
26.6310

■ 75.3608, 77.8975,
83.0163

■ 43.4198, 31.6061,
18.1397

■ 85.1487, 91.9540,
103.2943

■ 40.0589, 26.6342,
11.6242

■ 88.0711, 96.4022,
108.5734

■ 37.5596, 22.8898,
6.9246

■ 35.8429, 20.2661,
3.8564

■ 34.8149, 18.6375,
2.1960

■ 34.4585, 18.0571,
1.6692

Harmonies

Analogous

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



60.2471, 54.7838, 60.8453



59.3311, 54.7838, 50.0951



56.4374, 54.7838, 42.8290

Triad

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



59.3311, 54.7838, 50.0951



45.8071, 54.7838, 48.2869



51.6569, 54.7838, 84.8304

Complementary

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



59.3311, 54.7838, 50.0951



62.1610, 72.7316, 89.3599

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.



47.9347, 54.7838, 80.3835



59.3311, 54.7838, 50.0951



44.6691, 54.7838, 58.4709

Square

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



59.3311, 54.7838, 50.0951



48.6173, 54.7838, 41.8841



45.4275, 54.7838, 70.3492



55.6831, 54.7838, 81.8406

Rectangle

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



59.3311, 54.7838, 50.0951



53.8499, 54.7838, 40.4413



45.4275, 54.7838, 70.3492



50.3304, 54.7838, 84.1434

Sweetspot

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



59.3326, 54.7863, 50.0962



87.2468, 88.7809, 92.7737



64.8430, 55.6876, 83.1304



18.5375, 18.8057, 19.5751



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.



59.3326, 54.7863, 50.0962



67.2158, 59.8587, 51.7542



65.6262, 67.3735, 52.1941



15.1520, 15.2269, 15.6592



19.2110, 10.1163, 0.9401



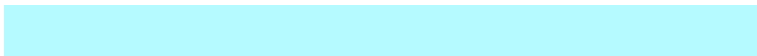
1.5388, 0.8550, 0.0839

Inverse Universe

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



62.1610, 72.7316, 89.3599



71.2139, 85.2421, 107.3077



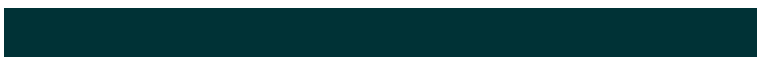
55.0054, 58.4204, 86.9747



15.4201, 16.9267, 19.3767



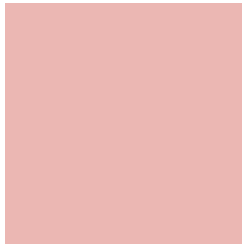
22.3674, 31.3817, 48.6214



1.7840, 2.5195, 3.8272

Previews

White Background



This preview shows how the XYZ color 59.3311, 54.7838, 50.0951 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 59.3311, 54.7838, 50.0951 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 59.3311, 54.7838, 50.0951

Background



This preview shows how black text looks on a background with the XYZ color 59.3311, 54.7838, 50.0951.



This preview shows how white text looks on a background with the XYZ color 59.3311, 54.7838,

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

59.3311, 54.7838, 50.0951

Protanopia

52.6292, 55.0896, 53.7584

Deuteranopia

56.0523, 54.9817, 49.7777



Tritanopia

61.2993, 54.9924, 59.0135

Trichromacy



Original Color

59.3311, 54.7838, 50.0951

Protanomaly

54.9096, 54.9766, 52.5173

Deuteranomaly

57.1702, 54.9238, 49.7076

Tritanomaly

60.5053, 54.9629, 55.5640

Monochromacy



Original Color

59.3311, 54.7838, 50.0951

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.3379, 55.7504, 57.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3311, 54.7838, 50.0951 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, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 183, 179)  
}
```

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, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 183, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.3311, 54.7838, 50.0951 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, 183, 179) }
```


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

```
.border{ border-color:rgb(235, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 183,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3311, 54.7838, 50.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 183, 179) }
```

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

```
.background{ background-color: rgb(235,  
183, 179) }
```

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