

Converting Colors

XYZ(58.2387, 50.7230, 32.1007)

Have a look what the booklet for
XYZ(58.2387, 50.7230, 32.1007)
contains.

XYZ(58.2494, 50.8123, 31.9370)	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(58.2494, 50.8123,
31.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	F9AA8D
RGB	249, 170, 141
RGB Percent	98%, 67%, 55%
CMY	0.0235, 0.3333, 0.4471
CMYK	0.00, 0.32, 0.43, 0.02
HSL	16°, 90%, 76%
HSV	16°, 43%, 98%
XYZ	58.2494, 50.8123, 31.9370
YIQ	190.3150, 56.3930, 7.7290

Conversions

Conversions Part 2

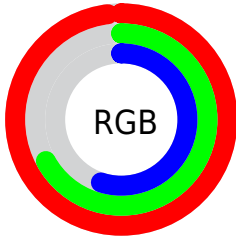
Format	Color
R _{YB}	249, 181, 141
Decimal	16362125
CIE Lab	76.57, 25.72, 26.71
CIE LCh	77, 37.079, 46.085
Yxy	50.8123, 0.4131, 0.3604
Android (android.graphics.Color)	4294552205 (0xFFF9AA8D)
YUV	190.3150, -24.3123, 51.4667
Hunter-Lab	71.2827, 21.1182, 23.3341

Details

The XYZ color **58.2494, 50.8123, 31.9370** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.6755, 63.6861, 99.0861**, and the grayscale version is **49.2394, 51.8037, 56.4142**.

A 20% lighter version of the original color is **78.2867, 79.5928, 62.8666**, and **29.4848, 24.4251, 13.0580** is the 20% darker color. If you saturate the color by 10%, you get **53.4200, 43.7927, 22.1913**, and if you desaturate by 10%, it is **63.9709, 58.9495, 44.0358**.

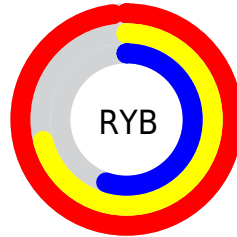
Distribution



Red (98%)

Green (67%)

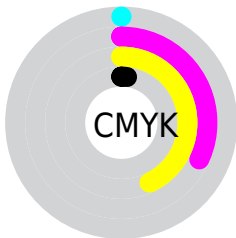
Blue (55%)



Red (98%)

Yellow (71%)

Blue (55%)

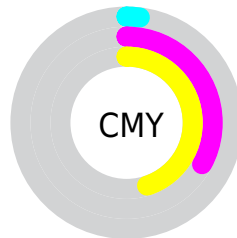


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2494, 50.8123, 31.9370 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 58.2494, 50.8123, 31.9370 by changing the saturation by 10% instead.


 58.2494, 50.8123,
31.9370

 58.2494, 50.8123,
31.9370


408.0535,
389.8341, 325.3160


 42.2532, 36.0592,
21.0490


 101.4068, 91.3773,
63.8091

 29.4916, 24.4800,
12.9682

 129.2988,
117.9580, 85.6302

 19.5992, 15.6900,
7.2762


 161.8867,
149.2500, 111.9327

 12.2106, 9.3051,
3.5544

199.5360,
185.6378, 143.1353

 6.9605, 4.9407,
1.3842

242.6120,
227.5057, 179.6563

 3.4835, 2.2125,
0.1293

291.4800,

 1.4143, 0.7268,

275.2381, 221.9145

0.0000

346.5054,
329.2194, 270.3282

■ 0.2664, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2494, 50.8123,
31.9370

■ 58.2494, 50.8123,
31.9370

■ 53.4200, 43.7927,
22.1913

■ 63.9709, 58.9495,
44.0358

■ 49.4313, 37.8332,
14.6404

■ 70.6244, 68.2434,
58.6257

■ 46.2320, 32.8824,
9.1112

■ 78.2522, 78.7405,
75.8377

■ 43.7633, 28.8809,
5.4027

■ 86.8924, 90.4824,
95.7925

■ 41.9561, 25.7625,
3.2714

■ 92.8769, 98.8797,
108.7983

■ 41.0665, 24.1390,
2.4949

Harmonies

Analogous

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



62.4227, 50.8123, 45.3148



58.2494, 50.8123, 31.9370



51.6065, 50.8123, 25.7023

Triad

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



58.2494, 50.8123, 31.9370



36.3695, 50.8123, 46.5611



52.1230, 50.8123, 101.2649

Complementary

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



58.2494, 50.8123, 31.9370



53.6755, 63.6861, 99.0861

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.



45.1294, 50.8123, 101.8316



58.2494, 50.8123, 31.9370



36.4789, 50.8123, 66.7126

Square

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



58.2494, 50.8123, 31.9370



39.2309, 50.8123, 32.6583



39.5457, 50.8123, 88.0133



58.6589, 50.8123, 86.6134

Rectangle

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



58.2494, 50.8123, 31.9370



46.8823, 50.8123, 25.1577



39.5457, 50.8123, 88.0133



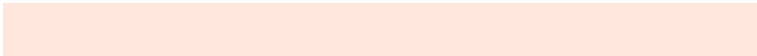
49.7370, 50.8123, 103.2110

Sweetspot

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



58.2507, 50.8148, 31.9380



82.9116, 83.5396, 80.7567



61.5368, 44.3678, 73.1698



17.3444, 17.3306, 16.3685



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.



58.2507, 50.8148, 31.9380



57.0067, 47.1330, 24.6356



70.4767, 75.2669, 36.0133



17.6238, 17.9834, 18.0047



22.0818, 13.1202, 1.3686



2.1286, 1.3821, 0.1546

Inverse Universe

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



53.6755, 63.6861, 99.0861



51.5656, 62.2524, 103.9059



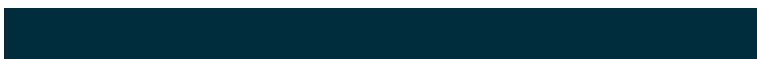
41.7564, 39.8480, 95.1131



17.3484, 18.7737, 22.0946



18.2442, 21.8441, 51.2283



1.7771, 2.1979, 4.7737

Previews

White Background



This preview shows how the XYZ color 58.2494, 50.8123, 31.9370 looks on a white background.

Color Contrast Check

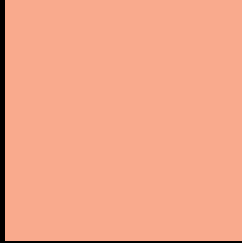
Large Text (above 18pt) WCAG AA × Fail

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 58.2494, 50.8123, 31.9370 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 58.2494, 50.8123, 31.9370

Background



This preview shows how black text looks on a background with the XYZ color 58.2494, 50.8123, 31.9370.



This preview shows how white text looks on a background with the XYZ color 58.2494, 50.8123,

31.9370.

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

58.2494, 50.8123, 31.9370

Protanopia

47.7900, 51.0147, 36.1822

Deuteranopia

51.9245, 50.7591, 31.4869



Tritanopia

61.5358, 50.7800, 48.1532

Trichromacy



Original Color

58.2494, 50.8123, 31.9370

Protanomaly

50.9079, 50.4679, 34.6619

Deuteranomaly

54.0600, 50.6614, 31.7403

Tritanomaly

60.3032, 50.8270, 41.7542

Monochromacy



Original Color

58.2494, 50.8123, 31.9370

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.2438, 50.6944, 46.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2494, 50.8123, 31.9370 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(249, 170, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 170, 141)  
}
```

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(249, 170, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 170, 141) }
```

Border

The CSS property to change the border of an element to XYZ 58.2494, 50.8123, 31.9370 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(249, 170, 141) }
```


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

```
.border{ border-color:rgb(249, 170, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 170, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 170, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 170, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 170,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2494, 50.8123, 31.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 170, 141) }
```

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

```
.background{ background-color: rgb(249,  
170, 141) }
```

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