

Converting Colors

XYZ(73.2701, 58.2037, 28.7718)

Have a look what the booklet for
XYZ(73.2701, 58.2037, 28.7718)
contains.

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Color

**XYZ(59.3394, 50.9040,
28.1707)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA883
RGB	255, 168, 131
RGB Percent	100%, 66%, 51%
CMY	0.0000, 0.3411, 0.4863
CMYK	0.00, 0.34, 0.49, 0.00
HSL	18°, 100%, 76%
HSV	18°, 49%, 100%
XYZ	59.3394, 50.9040, 28.1707
YIQ	189.7950, 63.7290, 6.9370

Conversions

Conversions Part 2

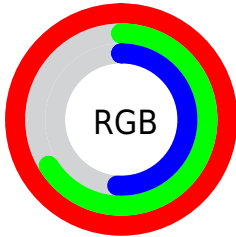
Format	Color
R _Y B	255, 184, 131
Decimal	16754819
CIE Lab	76.62, 28.11, 32.25
CIE LCh	77, 42.782, 48.923
Yxy	50.9040, 0.4287, 0.3678
Android (android.graphics.Color)	4294944899 (0xFFFFA883)
YUV	189.7950, -28.9859, 57.1848
Hunter-Lab	71.3470, 23.6013, 26.5328

Details

The XYZ color **59.3394, 50.9040, 28.1707** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.4802, 62.1853, 103.8444**, and the grayscale version is **48.9626, 51.5125, 56.0971**.

A 20% lighter version of the original color is **76.5474, 78.0320, 56.3746**, and **30.1216, 24.4577, 10.9178** is the 20% darker color. If you saturate the color by 10%, you get **54.7406, 44.1403, 19.1350**, and if you desaturate by 10%, it is **64.8204, 58.7517, 39.5995**.

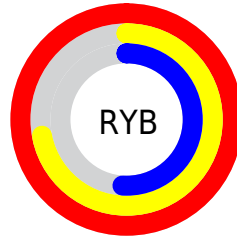
Distribution



Red (100%)

Green (66%)

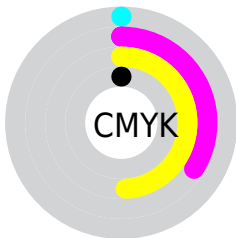
Blue (51%)



Red (100%)

Yellow (72%)

Blue (51%)

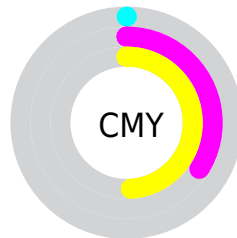


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3394, 50.9040, 28.1707 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 59.3394, 50.9040, 28.1707 by changing the saturation by 10% instead.


 59.3394, 50.9040,
28.1707


 59.3394, 50.9040,
28.1707


412.0324,
390.1907, 307.2192

 43.1338, 36.1322,
18.2142

 102.9826, 91.5129,
57.7832

 30.1851, 24.5363,
10.9329

 131.1509,
118.1187, 78.2764

 20.1279, 15.7319,
5.9081


 164.0375,
149.4380, 103.1188

 12.5969, 9.3347,
2.7214

202.0078,
185.8552, 132.7290

 7.2266, 4.9601,
0.9542

245.4270,
227.7547, 167.5257

 3.6518, 2.2239,
0.0000

294.6607,

 1.5071, 0.7330,

275.5209, 207.9272

0.0000

350.0740,
329.5380, 254.3522

■ 0.3307, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3394, 50.9040,
28.1707

■ 59.3394, 50.9040,
28.1707

■ 54.7406, 44.1403,
19.1350

■ 64.8204, 58.7517,
39.5995

■ 50.9700, 38.4034,
12.3159

■ 71.2258, 67.7218,
53.5745

■ 47.9730, 33.6419,
7.5172

■ 78.5993, 77.8605,
70.2395

■ 45.6855, 29.7963,
4.5059

■ 86.9807, 89.2085,
89.7265

■ 44.0232, 26.7960, 95.0499, 99.9999,
2.9524 108.9000

■ 43.8313, 26.4427,
2.7938

Harmonies

Analogous

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



64.6382, 50.9040, 42.1982



59.3394, 50.9040, 28.1707



51.4330, 50.9040, 22.1958

Triad

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



59.3394, 50.9040, 28.1707



34.6673, 50.9040, 47.3005



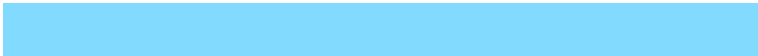
53.6043, 50.9040, 109.1452

Complementary

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



59.3394, 50.9040, 28.1707



52.4802, 62.1853, 103.8444

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.



45.4555, 50.9040, 111.6427



59.3394, 50.9040, 28.1707



35.1103, 50.9040, 71.1637

Square

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



59.3394, 50.9040, 28.1707



37.5792, 50.9040, 31.0061



38.8653, 50.9040, 96.2441



61.0806, 50.9040, 90.1503

Rectangle

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



59.3394, 50.9040, 28.1707



46.0099, 50.9040, 22.0383



38.8653, 50.9040, 96.2441



50.8357, 50.9040, 112.1070

Sweetspot

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



59.3407, 50.9065, 28.1717



81.5207, 81.8345, 76.9743



62.2571, 42.6532, 72.5694



17.0819, 17.0174, 15.6280



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.



59.3407, 50.9065, 28.1717



55.0041, 44.5337, 19.6343



73.1169, 78.4589, 32.7637



18.4512, 18.8706, 18.8142



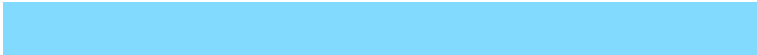
23.0157, 14.0425, 1.4974



2.3314, 1.5482, 0.1760

Inverse Universe

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



52.4802, 62.1853, 103.8444



47.3853, 56.8717, 103.0876



39.6146, 36.4541, 99.5559



18.0703, 19.5122, 23.0638



17.9807, 20.8710, 52.5154



1.8462, 2.2232, 5.1451

Previews

White Background



This preview shows how the XYZ color 59.3394, 50.9040, 28.1707 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 59.3394, 50.9040, 28.1707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

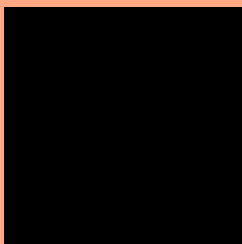
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3394, 50.9040, 28.1707

Background



This preview shows how black text looks on a background with the XYZ color 59.3394, 50.9040, 28.1707.



This preview shows how white text looks on a background with the XYZ color 59.3394, 50.9040,

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

59.3394, 50.9040, 28.1707

Protanopia

47.5598, 50.9852, 32.1454

Deuteranopia

52.0987, 50.9372, 27.5080



Tritanopia

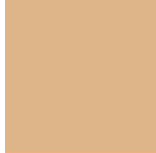
62.2533, 50.9061, 47.1022

Trichromacy



Original Color

59.3394, 50.9040, 28.1707



Protanomaly

51.1634, 50.3835, 30.6953



Deuteranomaly

54.4128, 50.6402, 27.6755



Tritanomaly

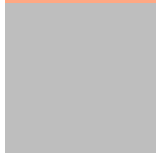
60.9531, 50.6735, 39.3693

Monochromacy



Original Color

59.3394, 50.9040, 28.1707



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.6209, 50.6166, 44.5854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3394, 50.9040, 28.1707 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(255, 168, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 131)  
}
```

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(255, 168, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 131) }
```

Border

The CSS property to change the border of an element to XYZ 59.3394, 50.9040, 28.1707 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(255, 168, 131) }
```


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

```
.border{ border-color:rgb(255, 168, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3394, 50.9040, 28.1707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 131) }
```

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

```
.background{ background-color: rgb(255,  
168, 131) }
```

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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