

Converting Colors

XYZ(59.8992, 51.9900, 25.1392)

Have a look what the booklet for
XYZ(59.8992, 51.9900, 25.1392)
contains.

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Color

**XYZ(59.3158, 51.7910,
25.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB7A
RGB	255, 171, 122
RGB Percent	100%, 67%, 48%
CMY	0.0000, 0.3294, 0.5216
CMYK	0.00, 0.33, 0.52, 0.00
HSL	22°, 100%, 74%
HSV	22°, 52%, 100%
XYZ	59.3158, 51.7910, 25.2827
YIQ	190.5300, 65.7930, 2.5690

Conversions

Conversions Part 2

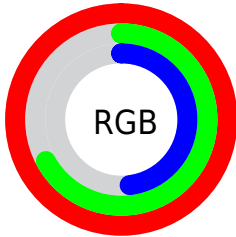
Format	Color
R _Y B	255, 200, 122
Decimal	16755578
CIE Lab	77.16, 25.75, 37.69
CIE LCh	77, 45.641, 55.657
Yxy	51.7910, 0.4349, 0.3797
Android (android.graphics.Color)	4294945658 (0xFFFFAB7A)
YUV	190.5300, -33.7853, 56.5402
Hunter-Lab	71.9660, 21.1829, 29.5467

Details

The XYZ color **59.3158, 51.7910, 25.2827** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.1462, 55.4975, 102.7820**, and the grayscale version is **49.4130, 51.9863, 56.6131**.

A 20% lighter version of the original color is **76.4469, 79.2933, 51.8334**, and **30.1538, 25.0268, 9.3723** is the 20% darker color. If you saturate the color by 10%, you get **55.0796, 45.5241, 17.0718**, and if you desaturate by 10%, it is **64.3397, 58.9701, 35.8019**.

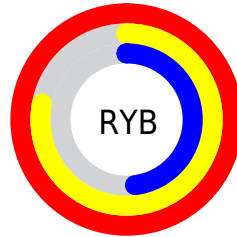
Distribution



Red (100%)

Green (67%)

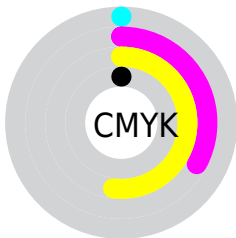
Blue (48%)



Red (100%)

Yellow (78%)

Blue (48%)

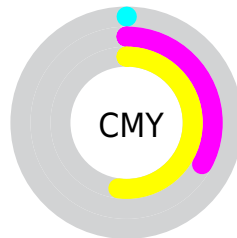


Cyan (0%)

Magenta (33%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3158, 51.7910, 25.2827 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 59.3158, 51.7910, 25.2827 by changing the saturation by 10% instead.


 59.3158, 51.7910,
25.2827


 59.3158, 51.7910,
25.2827


411.9465,
393.6292, 292.7355


 43.1147, 36.8385,
16.0669


 102.9485, 92.8229,
53.0853

 30.1701, 25.0825,
9.4166


 131.1109,
119.6712, 72.5091

 20.1164, 16.1385,
4.9134


 163.9910,
151.2535, 96.1727

 12.5885, 9.6222,
2.1387

201.9544,
187.9542, 124.4945

 7.2208, 5.1492,
0.6387

245.3662,
230.1577, 157.8932

 3.6481, 2.3351,
0.0000

294.5920,

 1.5051, 0.7922,

278.2485, 196.7872

0.0000

349.9969,
332.6108, 241.5951

■ 0.3293, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3158, 51.7910,
25.2827

■ 59.3158, 51.7910,
25.2827

■ 55.0796, 45.5241,
17.0718

■ 64.3397, 58.9701,
35.8019

■ 51.5808, 40.1219,
10.9872

■ 70.1896, 67.0907,
48.7864

■ 48.7684, 35.5436,
6.8238

■ 76.9058, 76.1901,
64.3827

■ 46.5813, 31.7407,
4.3334

■ 84.5243, 86.3012,
82.7250

45.2389, 29.2580,
3.2630

93.0793, 97.4551,
103.9381

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



65.9601, 51.7910, 38.0321



59.3158, 51.7910, 25.2827



50.5078, 51.7910, 20.7553

Triad

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



59.3158, 51.7910, 25.2827



34.3132, 51.7910, 52.8291



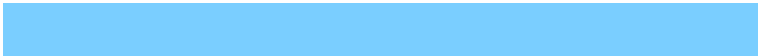
56.8576, 51.7910, 111.7737

Complementary

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



59.3158, 51.7910, 25.2827



48.1462, 55.4975, 102.7820

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.



47.9656, 51.7910, 119.1939



59.3158, 51.7910, 25.2827



35.5921, 51.7910, 79.8735

Square

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



59.3158, 51.7910, 25.2827



36.6259, 51.7910, 33.3863



40.3503, 51.7910, 106.1275



64.4273, 51.7910, 88.0925

Rectangle

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



59.3158, 51.7910, 25.2827



44.8330, 51.7910, 21.6121



40.3503, 51.7910, 106.1275



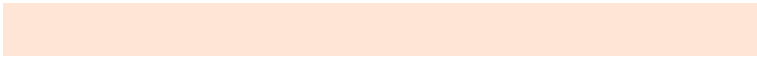
53.8965, 51.7910, 116.5036

Sweetspot

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



59.3171, 51.7936, 25.2837



81.4871, 82.2932, 75.3417



59.3686, 39.6470, 63.0651



17.1055, 17.1681, 15.3167



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.



59.3171, 51.7936, 25.2837



54.7566, 45.0355, 16.4789



75.1143, 83.3880, 30.5494



18.5575, 19.0831, 18.8497



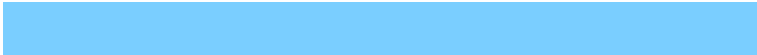
23.7684, 15.5481, 1.7483



2.4143, 1.7141, 0.2036

Inverse Universe

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



48.1462, 55.4975, 102.7820



42.3982, 49.0105, 101.8331



35.4156, 30.0364, 98.5385



17.9593, 19.2901, 23.0268



16.2423, 17.3941, 51.9359



1.6859, 1.9025, 5.0916

Previews

White Background



This preview shows how the XYZ color 59.3158, 51.7910, 25.2827 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 59.3158, 51.7910, 25.2827 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 59.3158, 51.7910, 25.2827

Background



This preview shows how black text looks on a background with the XYZ color 59.3158, 51.7910, 25.2827.



This preview shows how white text looks on a background with the XYZ color 59.3158, 51.7910,

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

59.3158, 51.7910, 25.2827

Protanopia

48.3922, 52.1387, 28.6323

Deuteranopia

53.0731, 51.8009, 24.9706



Tritanopia

62.8120, 51.7068, 48.2648

Trichromacy



Original Color

59.3158, 51.7910, 25.2827

Protanomaly

51.7117, 51.6606, 27.3247

Deuteranomaly

55.3068, 51.7465, 25.1623

Tritanomaly

61.3284, 51.6996, 38.6449

Monochromacy



Original Color

59.3158, 51.7910, 25.2827

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.7550, 51.3303, 43.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3158, 51.7910, 25.2827 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, 171, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 122)  
}
```

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, 171, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 122) }
```

Border

The CSS property to change the border of an element to XYZ 59.3158, 51.7910, 25.2827 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, 171, 122) }
```


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

```
.border{ border-color:rgb(255, 171, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3158, 51.7910, 25.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 122) }
```

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

```
.background{ background-color: rgb(255,  
171, 122) }
```

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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