

Converting Colors

XYZ(59.0173, 50.8971, 26.0989)

Have a look what the booklet for
XYZ(59.0173, 50.8971, 26.0989)
contains.

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Color

**XYZ(58.9443, 50.7459,
26.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA87D
RGB	255, 168, 125
RGB Percent	100%, 66%, 49%
CMY	0.0000, 0.3411, 0.5098
CMYK	0.00, 0.34, 0.51, 0.00
HSL	20°, 100%, 75%
HSV	20°, 51%, 100%
XYZ	58.9443, 50.7459, 26.0903
YIQ	189.1110, 65.6550, 5.0710

Conversions

Conversions Part 2

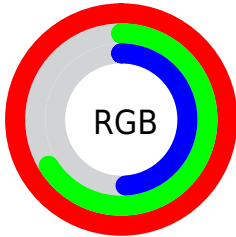
Format	Color
R _Y B	255, 189, 125
Decimal	16754813
CIE Lab	76.52, 27.57, 35.30
CIE LCh	77, 44.795, 52.008
Yxy	50.7459, 0.4341, 0.3737
Android (android.graphics.Color)	4294944893 (0xFFFFA87D)
YUV	189.1110, -31.6067, 57.7847
Hunter-Lab	71.2362, 23.0364, 28.1503

Details

The XYZ color **58.9443, 50.7459, 26.0903** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.0498, 58.6643, 103.2929**, and the grayscale version is **48.5834, 51.1135, 55.6626**.

A 20% lighter version of the original color is **75.9315, 77.7857, 53.1316**, and **29.9064, 24.3716, 9.7846** is the 20% darker color. If you saturate the color by 10%, you get **54.5734, 44.2852, 17.6021**, and if you desaturate by 10%, it is **64.1492, 58.2058, 36.9202**.

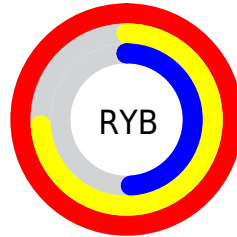
Distribution



Red (100%)

Green (66%)

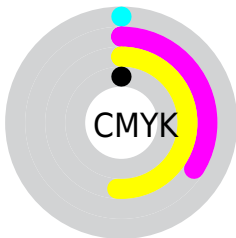
Blue (49%)



Red (100%)

Yellow (74%)

Blue (49%)

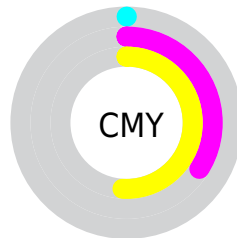


Cyan (0%)

Magenta (34%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9443, 50.7459, 26.0903 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 58.9443, 50.7459, 26.0903 by changing the saturation by 10% instead.


 58.9443, 50.7459,
26.0903

 58.9443, 50.7459,
26.0903


410.5928,
389.5757, 296.8446


 42.8145, 36.0064,
16.6648


 102.4118, 91.2791,
54.4065

 29.9335, 24.4392,
9.8364


 130.4802,
117.8415, 74.1342

 19.9359, 15.6597,
5.1864


 163.2588,
149.1138, 98.1332

 12.4565, 9.2837,
2.2964

201.1130,
185.4802, 126.8219

 7.1298, 4.9267,
0.7292

244.4082,
227.3253, 160.6188

 3.5904, 2.2043,
0.0000

293.5096,

 1.4731, 0.7223,

275.0333, 199.9426

0.0000

348.7827,
328.9886, 245.2117

■ 0.3075, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9443, 50.7459,
26.0903

■ 58.9443, 50.7459,
26.0903

■ 54.5734, 44.2852,
17.6021

■ 64.1492, 58.2058,
36.9202

■ 50.9843, 38.7710,
11.2753

■ 70.2288, 66.6992,
50.2479

■ 48.1234, 34.1568,
6.9075

■ 77.2252, 76.2678,
66.2192

■ 45.9278, 30.3882,
4.2556

■ 85.1767, 86.9490,
84.9677

■ 44.4380, 27.6562,
2.9960

■ 94.1191, 98.7779,
106.6181

■ 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.



64.9241, 50.7459, 39.5826



58.9443, 50.7459, 26.0903



50.5277, 50.7459, 20.7895

Triad

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



58.9443, 50.7459, 26.0903



33.8618, 50.7459, 49.0313



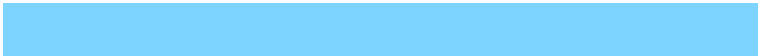
54.5826, 50.7459, 110.6171

Complementary

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



58.9443, 50.7459, 26.0903



50.0498, 58.6643, 103.2929

Split Complementary

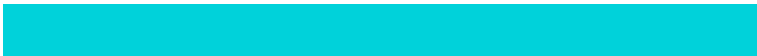
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.0078, 50.7459, 115.3523



58.9443, 50.7459, 26.0903



34.6790, 50.7459, 74.5954

Square

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



58.9443, 50.7459, 26.0903



36.5244, 50.7459, 31.2693



38.9040, 50.7459, 100.6522



62.2080, 50.7459, 89.1426

Rectangle

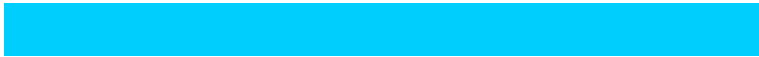
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.9443, 50.7459, 26.0903



44.9297, 50.7459, 21.0861



38.9040, 50.7459, 100.6522



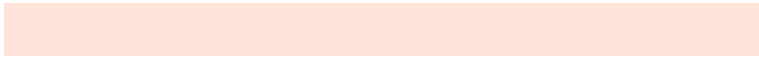
51.6933, 50.7459, 114.4297

Sweetspot

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



58.9455, 50.7484, 26.0913



81.8630, 82.5190, 77.0884



60.6901, 40.7741, 68.1785



17.1637, 17.1809, 15.6553



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.



58.9455, 50.7484, 26.0913



54.5655, 44.2731, 17.5871



73.5642, 79.9858, 30.9642



18.5002, 18.9686, 18.8306



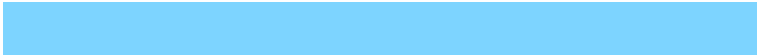
23.3412, 14.6936, 1.6059



2.3679, 1.6212, 0.1881

Inverse Universe

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



50.0498, 58.6643, 103.2929



44.7290, 52.8663, 102.4545



37.2289, 33.0227, 99.0193



18.0188, 19.4093, 23.0466



17.1483, 19.2062, 52.2379



1.7699, 2.0705, 5.1196

Previews

White Background



This preview shows how the XYZ color 58.9443, 50.7459, 26.0903 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 58.9443, 50.7459, 26.0903 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 58.9443, 50.7459, 26.0903

Background



This preview shows how black text looks on a background with the XYZ color 58.9443, 50.7459, 26.0903.



This preview shows how white text looks on a background with the XYZ color 58.9443, 50.7459,

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

58.9443, 50.7459, 26.0903

Protanopia

47.4025, 50.9538, 29.8909

Deuteranopia

52.0316, 50.9469, 25.5037



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

58.9443, 50.7459, 26.0903

Protanomaly

51.0520, 50.3744, 28.5052

Deuteranomaly

54.3604, 50.6579, 25.6517

Tritanomaly

60.7809, 50.6046, 38.4624

Monochromacy



Original Color

58.9443, 50.7459, 26.0903

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8474, 49.9471, 43.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9443, 50.7459, 26.0903 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 125) }
```

Border

The CSS property to change the border of an element to XYZ 58.9443, 50.7459, 26.0903 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, 125) }
```


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

```
.border{ border-color:rgb(255, 168, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9443, 50.7459, 26.0903 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, 125) }
```

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

```
.background{ background-color: rgb(255,  
168, 125) }
```

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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