

Converting Colors

XYZ(63.5549, 53.0076, 26.8677)

Have a look what the booklet for
XYZ(63.5549, 53.0076, 26.8677)
contains.

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Color

**XYZ(59.0734, 50.7976,
26.7701)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA87F
RGB	255, 168, 127
RGB Percent	100%, 66%, 50%
CMY	0.0000, 0.3411, 0.5020
CMYK	0.00, 0.34, 0.50, 0.00
HSL	19°, 100%, 75%
HSV	19°, 50%, 100%
XYZ	59.0734, 50.7976, 26.7701
YIQ	189.3390, 65.0130, 5.6930

Conversions

Conversions Part 2

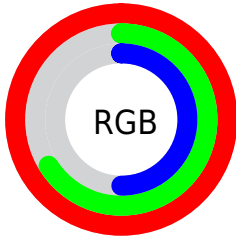
Format	Color
R_{YB}	255, 187, 127
Decimal	16754815
CIE _{Lab}	76.56, 27.75, 34.29
CIE _{LCh}	77, 44.109, 51.016
Yxy	50.7976, 0.4323, 0.3718
Android (android.graphics.Color)	4294944895 (0xFFFFA87F)
YUV	189.3390, -30.7331, 57.5847
Hunter-Lab	71.2724, 23.2211, 27.6212

Details

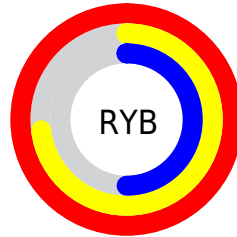
The XYZ color **59.0734, 50.7976, 26.7701** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.8477, 59.8223, 103.4743**, and the grayscale version is **48.7096, 51.2463, 55.8072**.

A 20% lighter version of the original color is **76.1339, 77.8666, 54.1971**, and **29.9760, 24.3994, 10.1508** is the 20% darker color. If you saturate the color by 10%, you get **54.6280, 44.2385, 18.1009**, and if you desaturate by 10%, it is **64.3682, 58.3828, 37.7981**.

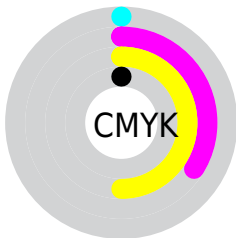
Distribution



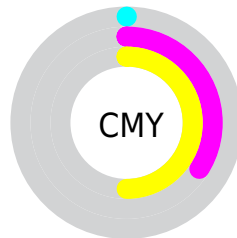
- Red (100%)
- Green (66%)
- Blue (50%)



- Red (100%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0734, 50.7976, 26.7701 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 59.0734, 50.7976, 26.7701 by changing the saturation by 10% instead.


 59.0734, 50.7976,
26.7701

 59.0734, 50.7976,
26.7701


411.0636,
389.7769, 300.2671


 42.9188, 36.0476,
17.1697


 102.5984, 91.3555,
55.5140

 30.0157, 24.4709,
10.1923


 130.6994,
117.9322, 75.4946

 19.9986, 15.6833,
5.4194


 163.5134,
149.2198, 99.7723

 12.5023, 9.3003,
2.4324

201.4055,
185.6029, 128.7657

 7.1614, 4.9376,
0.8040

244.7413,
227.4657, 162.8934

 3.6104, 2.2107,
0.0000

293.8860,

 1.4842, 0.7258,

275.1928, 202.5738

0.0000

349.2049,
329.1683, 248.2255

■ 0.3150, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0734, 50.7976,
26.7701

■ 59.0734, 50.7976,
26.7701

■ 54.6280, 44.2385,
18.1009

■ 64.3682, 58.3828,
37.7981

■ 50.9793, 38.6516,
11.6114

■ 70.5536, 67.0299,
51.3398

■ 48.0735, 33.9887,
7.1014

■ 77.6723, 76.7818,
67.5404

■ 45.8473, 30.1940,
4.3314

■ 85.7628, 87.6769,
86.5330

■ 44.2339, 27.2481,
2.9280

94.8616, 99.7518,
108.4418

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



64.8268, 50.7976, 40.4385



59.0734, 50.7976, 26.7701



50.8259, 50.7976, 21.2509

Triad

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



59.0734, 50.7976, 26.7701



34.1282, 50.7976, 48.4524



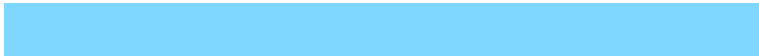
54.2555, 50.7976, 110.1202

Complementary

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



59.0734, 50.7976, 26.7701



50.8477, 59.8223, 103.4743

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.



45.8237, 50.7976, 114.1051



59.0734, 50.7976, 26.7701



34.8222, 50.7976, 73.4423

Square

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



59.0734, 50.7976, 26.7701



36.8724, 50.7976, 31.1830



38.8913, 50.7976, 99.1696



61.8304, 50.7976, 89.4716

Rectangle

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



59.0734, 50.7976, 26.7701



45.2858, 50.7976, 21.4005



38.8913, 50.7976, 99.1696



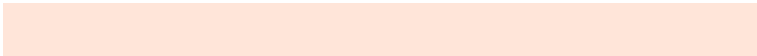
51.4067, 50.7976, 113.6481

Sweetspot

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



59.0746, 50.8001, 26.7711



81.7522, 82.2975, 77.0515



61.0268, 41.3180, 68.6901



17.1372, 17.1280, 15.6465



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.



59.0746, 50.8001, 26.7711



54.7073, 44.3574, 18.2488



73.7961, 80.2431, 31.6782



18.4844, 18.9369, 18.8253



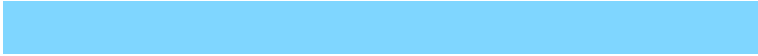
23.2319, 14.4751, 1.5695



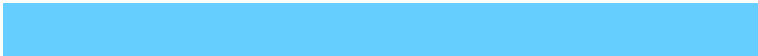
2.3558, 1.5970, 0.1841

Inverse Universe

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



50.8477, 59.8223, 103.4743



45.5972, 54.1802, 102.6623



37.7837, 33.6945, 99.1196



18.0354, 19.4425, 23.0522



17.4116, 19.7329, 52.3257



1.7941, 2.1190, 5.1277

Previews

White Background



This preview shows how the XYZ color 59.0734, 50.7976, 26.7701 looks on a white background.

Color Contrast Check

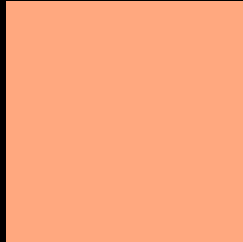
Large Text (above 18pt) WCAG AA × Fail

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 59.0734, 50.7976, 26.7701 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 59.0734, 50.7976, 26.7701

Background



This preview shows how black text looks on a background with the XYZ color 59.0734, 50.7976, 26.7701.



This preview shows how white text looks on a background with the XYZ color 59.0734, 50.7976,

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

59.0734, 50.7976, 26.7701

Protanopia

47.5434, 51.0101, 30.6327

Deuteranopia

51.8405, 50.8339, 26.1484



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

59.0734, 50.7976, 26.7701

Protanomaly

51.1889, 50.4292, 29.2262

Deuteranomaly

54.1521, 50.5359, 26.3023

Tritanomaly

60.8667, 50.6389, 38.9140

Monochromacy



Original Color

59.0734, 50.7976, 26.7701

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 59.0734, 50.7976, 26.7701 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 127) }
```

Border

The CSS property to change the border of an element to XYZ 59.0734, 50.7976, 26.7701 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, 127) }
```


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

```
.border{ border-color:rgb(255, 168, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 168, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 168, 127); box-shadow:4px 4px 4px 4px rgb(255, 168, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0734, 50.7976, 26.7701 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, 127) }
```

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

```
.background{ background-color: rgb(255,  
168, 127) }
```

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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