

Converting Colors

XYZ(58.0518, 49.2592, 26.6080)

Have a look what the booklet for
XYZ(58.0518, 49.2592, 26.6080)
contains.

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Color

**XYZ(57.9793, 49.1541,
26.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA47F
RGB	254, 164, 127
RGB Percent	100%, 64%, 50%
CMY	0.0039, 0.3568, 0.5020
CMYK	0.00, 0.35, 0.50, 0.00
HSL	17°, 98%, 75%
HSV	17°, 50%, 100%
XYZ	57.9793, 49.1541, 26.5105
YIQ	186.6920, 65.5170, 7.5730

Conversions

Conversions Part 2

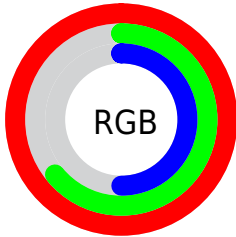
Format	Color
RYB	254, 179, 127
Decimal	16688255
CIELab	75.55, 29.45, 32.95
CIElCh	76, 44.194, 48.215
Yxy	49.1541, 0.4338, 0.3678
Android (android.graphics.Color)	4294878335 (0xFFFEA47F)
YUV	186.6920, -29.4282, 59.0291
Hunter-Lab	70.1100, 24.9228, 26.6578

Details

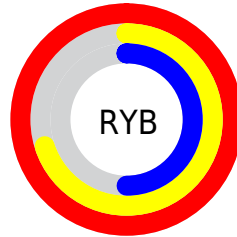
The XYZ color **57.9793, 49.1541, 26.5105** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.4533, 61.2905, 102.8840**, and the grayscale version is **47.1964, 49.6543, 54.0735**.

A 20% lighter version of the original color is **75.0714, 75.7417, 53.8429**, and **29.2721, 23.3740, 9.9900** is the 20% darker color. If you saturate the color by 10%, you get **53.5316, 42.5825, 17.8648**, and if you desaturate by 10%, it is **63.3025, 56.8092, 37.5073**.

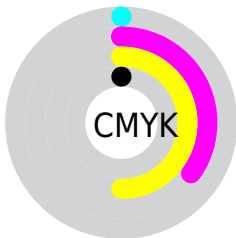
Distribution



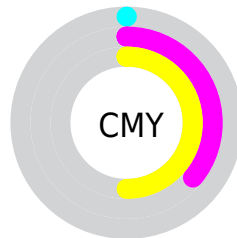
- Red (100%)
- Green (64%)
- Blue (50%)



- Red (100%)
- Yellow (70%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9793, 49.1541, 26.5105 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 57.9793, 49.1541, 26.5105 by changing the saturation by 10% instead.


 57.9793, 49.1541,
26.5105

 57.9793, 49.1541,
26.5105


407.0639,
383.3487, 298.9640


 42.0352, 34.7417,
16.9768


 101.0159, 88.9203,
55.0915

 29.3201, 23.4640,
10.0561


 128.8390,
115.0429, 74.9759

 19.4686, 14.9365,
5.3301


 161.3526,
145.8377, 99.1475

 12.1154, 8.7748,
2.3801

198.9219,
181.6891, 128.0250

 6.8951, 4.5946,
0.7756

241.9124,
222.9815, 162.0269

 3.4423, 2.0114,
0.0000

290.6893,

 1.3917, 0.6141,

270.0993, 201.5716

0.0000

345.6180,
323.4269, 247.0778

■ 0.2503, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9793, 49.1541,
26.5105

■ 57.9793, 49.1541,
26.5105

■ 53.5316, 42.5825,
17.8648

■ 63.3025, 56.8092,
37.5073

■ 49.9049, 37.0362,
11.3927

■ 69.5442, 65.5878,
51.0093

■ 47.0432, 32.4622,
6.8955

■ 76.7487, 75.5367,
67.1608

■ 44.8809, 28.7991,
4.1359

■ 84.9562, 86.6978,
86.0939

■ 43.3226, 25.9701, 94.2046, 99.1107,
2.7294 107.9322

■ 43.3225, 25.9699, 94.6829, 99.8108,
2.7294 108.8828

Harmonies

Analogous

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



63.2728, 49.1541, 40.6621



57.9793, 49.1541, 26.5105



49.9995, 49.1541, 20.4723

Triad

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



57.9793, 49.1541, 26.5105



32.9762, 49.1541, 44.8535



51.7999, 49.1541, 108.5883

Complementary

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



57.9793, 49.1541, 26.5105



51.4533, 61.2905, 102.8840

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.



43.5862, 49.1541, 110.6932



57.9793, 49.1541, 26.5105



33.3387, 49.1541, 68.8385

Square

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



57.9793, 49.1541, 26.5105



35.9651, 49.1541, 28.8058



37.0209, 49.1541, 94.5274



59.4289, 49.1541, 89.4130

Rectangle

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



57.9793, 49.1541, 26.5105



44.5123, 49.1541, 20.2171



37.0209, 49.1541, 94.5274



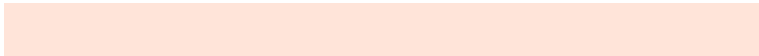
48.9985, 49.1541, 111.4847

Sweetspot

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



57.9805, 49.1566, 26.5114



81.4466, 81.6861, 76.9496



61.1196, 41.3127, 71.0940



17.0642, 16.9819, 15.6221



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.



57.9805, 49.1566, 26.5114



54.0071, 42.9570, 18.0154



72.0318, 77.2591, 31.1952



18.4405, 18.8493, 18.8107



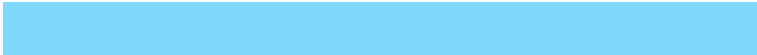
22.9498, 13.9108, 1.4755



2.3239, 1.5331, 0.1734

Inverse Universe

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



51.4533, 61.2905, 102.8840



46.6794, 56.3446, 103.0231



38.2832, 34.9504, 98.4940



18.0816, 19.5347, 23.0675



18.1685, 21.2467, 52.5780



1.8634, 2.2574, 5.1508

Previews

White Background



This preview shows how the XYZ color 57.9793, 49.1541, 26.5105 looks on a white background.

Color Contrast Check

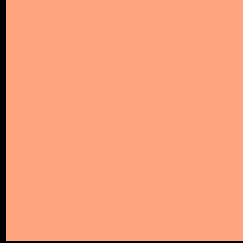
Large Text (above 18pt) WCAG AA × Fail

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 57.9793, 49.1541, 26.5105 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 57.9793, 49.1541, 26.5105

Background



This preview shows how black text looks on a background with the XYZ color 57.9793, 49.1541, 26.5105.



This preview shows how white text looks on a background with the XYZ color 57.9793, 49.1541,

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

57.9793, 49.1541, 26.5105

Protanopia

45.8223, 49.1747, 30.3691

Deuteranopia

50.2990, 49.1433, 25.9034



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

57.9793, 49.1541, 26.5105

Protanomaly

49.6692, 48.7499, 28.9821

Deuteranomaly

52.9062, 49.0300, 26.0773

Tritanomaly

59.9013, 49.1163, 37.3336

Monochromacy



Original Color

57.9793, 49.1541, 26.5105

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.7756, 48.8057, 42.3943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9793, 49.1541, 26.5105 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(254, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 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(254, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 127) }
```

Border

The CSS property to change the border of an element to XYZ 57.9793, 49.1541, 26.5105 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(254, 164, 127) }
```


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

```
.border{ border-color:rgb(254, 164, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9793, 49.1541, 26.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 164, 127) }
```

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

```
.background{ background-color: rgb(254,  
164, 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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