

Converting Colors

XYZ(128.1487, 85.3598,
27.8808)

Have a look what the booklet for
XYZ(128.1487, 85.3598, 27.8808)
contains.

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Color

**XYZ(57.9666, 49.1914,
24.5289)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA479
RGB	255, 164, 121
RGB Percent	100%, 64%, 47%
CMY	0.0000, 0.3568, 0.5255
CMYK	0.00, 0.36, 0.53, 0.00
HSL	19°, 100%, 74%
HSV	19°, 53%, 100%
XYZ	57.9666, 49.1914, 24.5289
YIQ	186.3070, 68.0390, 5.9190

Conversions

Conversions Part 2

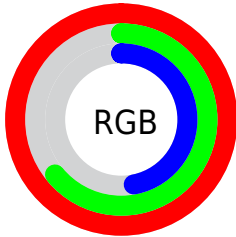
Format	Color
R _Y B	255, 184, 121
Decimal	16753785
CIE Lab	75.57, 29.32, 36.19
CIE LCh	76, 46.572, 50.986
Yxy	49.1914, 0.4402, 0.3735
Android (android.graphics.Color)	4294943865 (0xFFFFA479)
YUV	186.3070, -32.1964, 60.2438
Hunter-Lab	70.1366, 24.7880, 28.3601

Details

The XYZ color **57.9666, 49.1914, 24.5289** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.4773, 58.3690, 103.2658**, and the grayscale version is **46.9937, 49.4411, 53.8413**.

A 20% lighter version of the original color is **74.2115, 74.9790, 50.6054**, and **29.3274, 23.4259, 8.9372** is the 20% darker color. If you saturate the color by 10%, you get **53.7140, 42.8668, 16.3895**, and if you desaturate by 10%, it is **63.0568, 56.5301, 34.9871**.

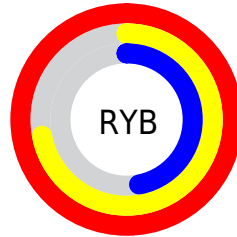
Distribution



Red (100%)

Green (64%)

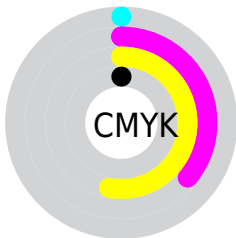
Blue (47%)



Red (100%)

Yellow (72%)

Blue (47%)

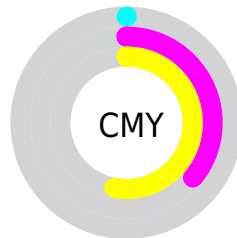


Cyan (0%)

Magenta (36%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9666, 49.1914, 24.5289 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 57.9666, 49.1914, 24.5289 by changing the saturation by 10% instead.


 57.9666, 49.1914,
24.5289

 57.9666, 49.1914,
24.5289


407.0173,
383.4953, 288.8558


 42.0250, 34.7713,
15.5106


 100.9975, 88.9757,
51.8465

 29.3120, 23.4868,
9.0279


 128.8174,
115.1086, 70.9829

 19.4625, 14.9534,
4.6623


 161.3275,
145.9147, 94.3291

 12.1109, 8.7867,
1.9953

198.8930,
181.7783, 122.3037

 6.8920, 4.6023,
0.5524

241.8794,
223.0837, 155.3251

 3.4404, 2.0159,
0.0000

290.6521,

 1.3907, 0.6167,

270.2155, 193.8118

0.0000

345.5762,
323.5579, 238.1826

■ 0.2496, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9666, 49.1914,
24.5289

■ 57.9666, 49.1914,
24.5289

■ 53.7140, 42.8668,
16.3895

■ 63.0568, 56.5301,
34.9871

■ 50.2451, 37.5017,
10.3850

■ 69.0268, 64.9194,
47.9231

■ 47.5046, 33.0470,
6.3076

■ 75.9197, 74.4028,
63.4849

■ 45.4265, 29.4452,
3.9054

■ 83.7749, 85.0190,
81.8079

■ 44.2450, 27.2704,
2.9317

■ 92.6292, 96.8049,
103.0184

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.



63.9723, 49.1914, 38.3161



57.9666, 49.1914, 24.5289



49.3963, 49.1914, 19.0619

Triad

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



57.9666, 49.1914, 24.5289



32.2400, 49.1914, 46.4726



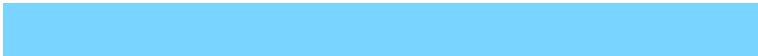
52.9362, 49.1914, 111.1232

Complementary

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



57.9666, 49.1914, 24.5289



49.4773, 58.3690, 103.2658

Split Complementary

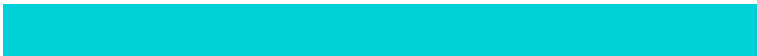
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.2095, 49.1914, 115.3373



57.9666, 49.1914, 24.5289



32.9423, 49.1914, 72.3927

Square

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



57.9666, 49.1914, 24.5289



35.0385, 49.1914, 28.9208



37.0911, 49.1914, 99.4751



60.8293, 49.1914, 89.2830

Rectangle

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



57.9666, 49.1914, 24.5289



43.6714, 49.1914, 19.2044



37.0911, 49.1914, 99.4751



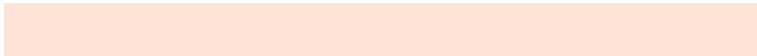
49.9803, 49.1914, 114.8657

Sweetspot

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



57.9678, 49.1939, 24.5298



80.9528, 81.2246, 75.1636



60.0327, 39.7172, 67.1650



16.9789, 16.9151, 15.2745



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.



57.9678, 49.1939, 24.5298



53.5410, 42.6043, 16.0737



73.1086, 79.4754, 29.5768



18.4852, 18.9386, 18.8256



23.2379, 14.4870, 1.5715



2.3565, 1.5983, 0.1843

Inverse Universe

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



49.4773, 58.3690, 103.2658



44.1622, 52.5386, 102.4211



36.1477, 31.7098, 98.8226



18.0345, 19.4406, 23.0518



17.3968, 19.7033, 52.3208



1.7928, 2.1162, 5.1273

Previews

White Background



This preview shows how the XYZ color 57.9666, 49.1914, 24.5289 looks on a white background.

Color Contrast Check

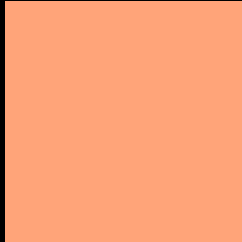
Large Text (above 18pt) WCAG AA × Fail

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 57.9666, 49.1914, 24.5289 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 57.9666, 49.1914, 24.5289

Background



This preview shows how black text looks on a background with the XYZ color 57.9666, 49.1914, 24.5289.



This preview shows how white text looks on a background with the XYZ color 57.9666, 49.1914,

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

57.9666, 49.1914, 24.5289

Protanopia

45.6756, 49.1470, 28.1981

Deuteranopia

50.2417, 49.1563, 23.9796



Tritanopia

61.0665, 49.3039, 44.3283

Trichromacy



Original Color

57.9666, 49.1914, 24.5289



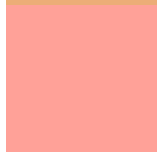
Protanomaly

49.5700, 48.7452, 26.8748



Deuteranomaly

52.8654, 49.0519, 24.1344



Tritanomaly

59.6524, 49.0167, 36.0229

Monochromacy



Original Color

57.9666, 49.1914, 24.5289



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.3060, 48.2983, 40.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9666, 49.1914, 24.5289 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, 164, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 121)  
}
```

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, 164, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 121) }
```

Border

The CSS property to change the border of an element to XYZ 57.9666, 49.1914, 24.5289 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, 164, 121) }
```


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

```
.border{ border-color:rgb(255, 164, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9666, 49.1914, 24.5289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 121) }
```

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

```
.background{ background-color: rgb(255,  
164, 121) }
```

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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