

Converting Colors

XYZ(96.3514, 68.8716, 28.8980)

Have a look what the booklet for
XYZ(96.3514, 68.8716, 28.8980)
contains.

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Color

**XYZ(58.4779, 49.3959,
27.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA481
RGB	255, 164, 129
RGB Percent	100%, 64%, 51%
CMY	0.0000, 0.3568, 0.4941
CMYK	0.00, 0.36, 0.49, 0.00
HSL	17°, 100%, 75%
HSV	17°, 49%, 100%
XYZ	58.4779, 49.3959, 27.2211
YIQ	187.2190, 65.4710, 8.4070

Conversions

Conversions Part 2

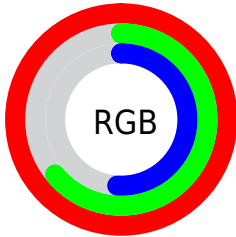
Format	Color
R _Y B	255, 177, 129
Decimal	16753793
CIE Lab	75.70, 30.01, 32.11
CIE LCh	76, 43.950, 46.928
Yxy	49.3959, 0.4329, 0.3656
Android (android.graphics.Color)	4294943873 (0xFFFFA481)
YUV	187.2190, -28.7020, 59.4439
Hunter-Lab	70.2822, 25.5260, 26.2339

Details

The XYZ color **58.4779, 49.3959, 27.2211** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.6951, 63.0705, 104.0039**, and the grayscale version is **47.4900, 49.9632, 54.4099**.

A 20% lighter version of the original color is **75.2767, 75.8238, 54.9239**, and **29.6014, 23.5355, 10.3798** is the 20% darker color. If you saturate the color by 10%, you get **53.9293, 42.6814, 18.3603**, and if you desaturate by 10%, it is **63.9290, 57.2389, 38.4701**.

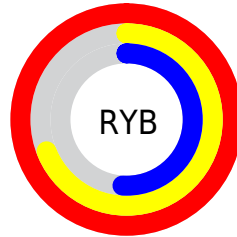
Distribution



Red (100%)

Green (64%)

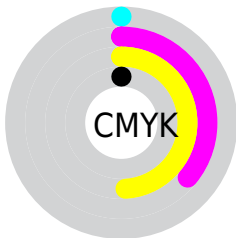
Blue (51%)



Red (100%)

Yellow (69%)

Blue (51%)

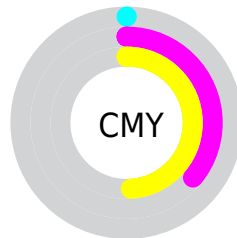


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4779, 49.3959, 27.2211 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 58.4779, 49.3959, 27.2211 by changing the saturation by 10% instead.


 58.4779, 49.3959,
27.2211

 58.4779, 49.3959,
27.2211


408.8896,
384.2988, 302.5200


 42.4377, 34.9336,
17.5054


 101.7374, 89.2792,
56.2465

 29.6368, 23.6118,
10.4298


 129.6875,
115.4690, 76.3933

 19.7098, 15.0459,
5.5755


 162.3383,
146.3367, 100.8543

 12.2913, 8.8516,
2.5241

200.0550,
182.2668, 130.0479

 7.0160, 4.6445,
0.8529

243.2032,
223.6437, 164.3928

 3.5185, 2.0402,
0.0000

292.1481,

 1.4335, 0.6307,

270.8517, 204.3074

0.0000

347.2551,
324.2753, 250.2103

■ 0.2799, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4779, 49.3959,
27.2211

■ 58.4779, 49.3959,
27.2211

■ 53.9293, 42.6814,
18.3603

■ 63.9290, 57.2389,
38.4701

■ 50.2272, 37.0343,
11.7091

■ 70.3271, 66.2530,
52.2622

■ 47.3142, 32.3987,
7.0682

■ 77.7176, 76.4872,
68.7428

■ 45.1231, 28.7098,
4.2003

■ 86.1420, 87.9858,
88.0451

■ 43.5609, 25.8889, 95.0499, 99.9999,
2.7443 108.9000

■ 43.4833, 25.7468,
2.6778

Harmonies

Analogous

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



63.5831, 49.3959, 41.7520



58.4779, 49.3959, 27.2211



50.5815, 49.3959, 20.8549

Triad

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



58.4779, 49.3959, 27.2211



33.2860, 49.3959, 44.2633



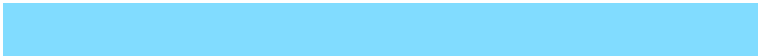
51.6589, 49.3959, 109.1187

Complementary

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



58.4779, 49.3959, 27.2211



52.6951, 63.0705, 104.0039

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.



43.4953, 49.3959, 110.3754



58.4779, 49.3959, 27.2211



33.5034, 49.3959, 67.9298

Square

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



58.4779, 49.3959, 27.2211



36.4125, 49.3959, 28.5991



37.0452, 49.3959, 93.6543



59.3448, 49.3959, 90.5991

Rectangle

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



58.4779, 49.3959, 27.2211



45.0854, 49.3959, 20.4142



37.0452, 49.3959, 93.6543



48.8640, 49.3959, 111.7291

Sweetspot

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



58.4791, 49.3984, 27.2220



81.3042, 81.4013, 76.9021



62.1948, 42.2026, 73.5543



17.0302, 16.9140, 15.6108



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.



58.4791, 49.3984, 27.2220



54.0995, 42.9362, 18.6798



72.2901, 77.0204, 31.8257



18.4201, 18.8084, 18.8039



22.8280, 13.6673, 1.4349



2.3098, 1.5049, 0.1687

Inverse Universe

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



52.6951, 63.0705, 104.0039



47.6678, 57.8858, 103.2685



39.3988, 36.4780, 99.5718



18.1032, 19.5780, 23.0747



18.5366, 21.9828, 52.7007



1.8968, 2.3243, 5.1619

Previews

White Background



This preview shows how the XYZ color 58.4779, 49.3959, 27.2211 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 58.4779, 49.3959, 27.2211 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 58.4779, 49.3959, 27.2211

Background



This preview shows how black text looks on a background with the XYZ color 58.4779, 49.3959, 27.2211.



This preview shows how white text looks on a background with the XYZ color 58.4779, 49.3959,

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

58.4779, 49.3959, 27.2211

Protanopia

46.2499, 49.6841, 31.5785

Deuteranopia

50.6265, 49.5939, 26.6429



Tritanopia

61.1615, 49.3419, 44.8285

Trichromacy



Original Color

58.4779, 49.3959, 27.2211

Protanomaly

50.0085, 49.2051, 29.7835

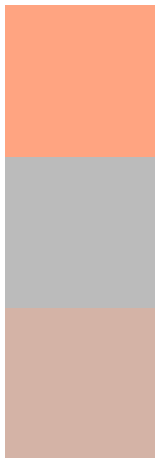
Deuteranomaly

53.2278, 49.4666, 26.8213

Tritanomaly

59.9856, 49.1500, 37.7778

Monochromacy



Original Color

58.4779, 49.3959, 27.2211

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.1544, 48.9904, 42.8891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4779, 49.3959, 27.2211 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 129) }
```

Border

The CSS property to change the border of an element to XYZ 58.4779, 49.3959, 27.2211 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, 129) }
```


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

```
.border{ border-color:rgb(255, 164, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4779, 49.3959, 27.2211 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
164, 129) }
```

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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