

Converting Colors

XYZ(71.8898, 56.5106, 29.8879)

Have a look what the booklet for
XYZ(71.8898, 56.5106, 29.8879)
contains.

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Color

**XYZ(59.0683, 49.9195,
29.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA587
RGB	255, 165, 135
RGB Percent	100%, 65%, 53%
CMY	0.0000, 0.3529, 0.4706
CMYK	0.00, 0.35, 0.47, 0.00
HSL	15°, 100%, 76%
HSV	15°, 47%, 100%
XYZ	59.0683, 49.9195, 29.4439
YIQ	188.4900, 63.2700, 9.7500

Conversions

Conversions Part 2

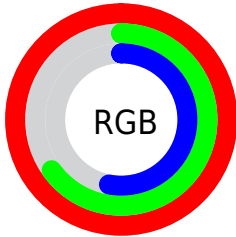
Format	Color
R _Y B	255, 175, 135
Decimal	16754055
CIE Lab	76.02, 30.05, 29.32
CIE LCh	76, 41.985, 44.298
Yxy	49.9195, 0.4267, 0.3606
Android (android.graphics.Color)	4294944135 (0xFFFFA587)
YUV	188.4900, -26.3706, 58.3293
Hunter-Lab	70.6537, 25.5865, 24.7494

Details

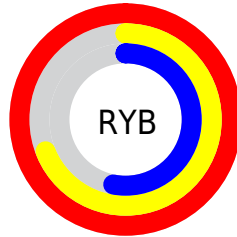
The XYZ color **59.0683, 49.9195, 29.4439** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.9656, 66.2185, 104.4920**, and the grayscale version is **48.2002, 50.7103, 55.2235**.

A 20% lighter version of the original color is **76.1736, 76.6037, 58.3482**, and **29.9395, 23.8463, 11.6191** is the 20% darker color. If you saturate the color by 10%, you get **54.2882, 42.8966, 20.0286**, and if you desaturate by 10%, it is **64.7967, 58.1509, 41.2973**.

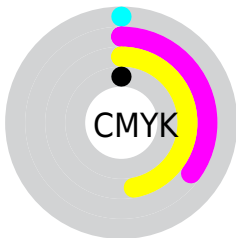
Distribution



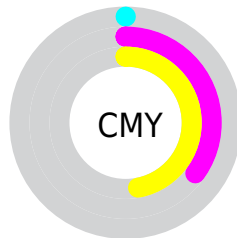
- Red (100%)
- Green (65%)
- Blue (53%)



- Red (100%)
- Yellow (69%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0683, 49.9195, 29.4439 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 59.0683, 49.9195, 29.4439 by changing the saturation by 10% instead.


 59.0683, 49.9195,
29.4439


 59.0683, 49.9195,
29.4439


411.0450,
386.3511, 313.4299


 42.9147, 35.3494,
19.1684


 102.5910, 90.0556,
59.8322

 30.0124, 23.9322,
11.6140


 130.6908,
116.3904, 80.7821

 19.9961, 15.2833,
6.3621


 163.5033,
147.4156, 106.1272

 12.5005, 9.0185,
2.9941

201.3940,
183.5156, 136.2861

 7.1601, 4.7532,
1.0916

244.7281,
225.0747, 171.6772

 3.6096, 2.1032,
0.0000

293.8711,

 1.4838, 0.6664,

272.4774, 212.7192

0.0000

349.1883,
326.1081, 259.8306

■ 0.3147, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0683, 49.9195,
29.4439

■ 59.0683, 49.9195,
29.4439

■ 54.2882, 42.8966,
20.0286

■ 64.7967, 58.1509,
41.2973

■ 50.3985, 37.0167,
12.8765

■ 71.5190, 67.6373,
55.7411

■ 47.3406, 32.2190,
7.7940

■ 79.2826, 78.4319,
72.9184

■ 45.0463, 28.4335,
4.5530

■ 88.1302, 90.5826,
92.9611

■ 43.4331, 25.5805, 95.0499, 99.9999,
2.8638 108.9000

■ 43.0599, 24.9000,
2.5367

Harmonies

Analogous

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



63.5962, 49.9195, 44.3780



59.0683, 49.9195, 29.4439



51.6425, 49.9195, 22.4971

Triad

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



59.0683, 49.9195, 29.4439



34.3700, 49.9195, 43.4924



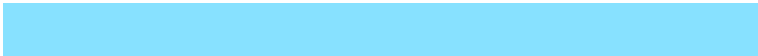
51.2663, 49.9195, 107.8074

Complementary

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



59.0683, 49.9195, 29.4439



54.9656, 66.2185, 104.4920

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.



43.4851, 49.9195, 107.3762



59.0683, 49.9195, 29.4439



34.2930, 49.9195, 65.7227

Square

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



59.0683, 49.9195, 29.4439



37.6829, 49.9195, 28.9502



37.4596, 49.9195, 90.4033



58.7669, 49.9195, 91.4562

Rectangle

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



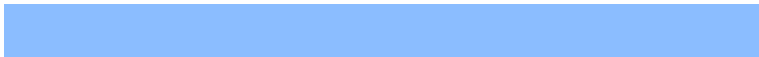
59.0683, 49.9195, 29.4439



46.3266, 49.9195, 21.6803



37.4596, 49.9195, 90.4033



48.5853, 49.9195, 109.7374

Sweetspot

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



59.0695, 49.9220, 29.4449



81.8715, 82.0019, 78.7379



63.4947, 44.0246, 76.3853



17.1307, 17.0099, 15.9684



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.



59.0695, 49.9220, 29.4449



54.7511, 43.5849, 20.9147



72.5384, 76.8598, 33.9345



18.3783, 18.7249, 18.7899



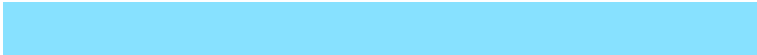
22.5985, 13.2081, 1.3584



2.2825, 1.4504, 0.1597

Inverse Universe

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



54.9656, 66.2185, 104.4920



50.1657, 61.4941, 103.8333



41.4972, 39.2817, 100.0025



18.1476, 19.6669, 23.0896



19.3184, 23.5464, 52.9613



1.9675, 2.4657, 5.1855

Previews

White Background



This preview shows how the XYZ color 59.0683, 49.9195, 29.4439 looks on a white background.

Color Contrast Check

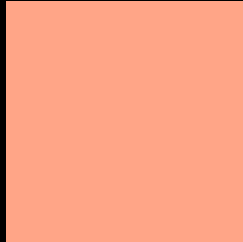
Large Text (above 18pt) WCAG AA × Fail

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 59.0683, 49.9195, 29.4439 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 59.0683, 49.9195, 29.4439

Background



This preview shows how black text looks on a background with the XYZ color 59.0683, 49.9195, 29.4439.



This preview shows how white text looks on a background with the XYZ color 59.0683, 49.9195,

29.4439.

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

59.0683, 49.9195, 29.4439

Protanopia

46.9135, 50.2901, 34.0224

Deuteranopia

51.2266, 50.1558, 28.8109



Tritanopia

61.5277, 49.7669, 45.8983

Trichromacy



Original Color

59.0683, 49.9195, 29.4439

Protanomaly

50.6442, 49.7812, 32.1388

Deuteranomaly

53.8246, 50.0156, 29.0074

Tritanomaly

60.4183, 49.6039, 39.1910

Monochromacy



Original Color

59.0683, 49.9195, 29.4439

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.6341, 49.5041, 44.4227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0683, 49.9195, 29.4439 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, 165, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 135)  
}
```

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, 165, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 135) }
```

Border

The CSS property to change the border of an element to XYZ 59.0683, 49.9195, 29.4439 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, 165, 135) }
```


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

```
.border{ border-color:rgb(255, 165, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0683, 49.9195, 29.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 135) }
```

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

```
.background{ background-color: rgb(255,  
165, 135) }
```

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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