

Converting Colors

XYZ(66.2435, 51.1671, 30.7041)

Have a look what the booklet for
XYZ(66.2435, 51.1671, 30.7041)
contains.

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Color

**XYZ(57.7887, 46.9010,
30.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C8B
RGB	255, 156, 139
RGB Percent	100%, 61%, 55%
CMY	0.0000, 0.3882, 0.4549
CMYK	0.00, 0.39, 0.45, 0.00
HSL	9°, 100%, 77%
HSV	9°, 45%, 100%
XYZ	57.7887, 46.9010, 30.4331
YIQ	183.6630, 64.4610, 15.7010

Conversions

Conversions Part 2

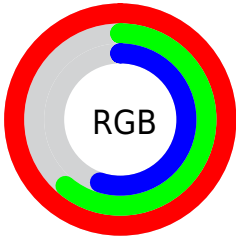
Format	Color
R _Y B	255, 159, 139
Decimal	16751755
CIE Lab	74.13, 35.11, 24.63
CIE LCh	74, 42.882, 35.047
Yxy	46.9010, 0.4277, 0.3471
Android (android.graphics.Color)	4294941835 (0xFFFF9C8B)
YUV	183.6630, -22.0189, 62.5625
Hunter-Lab	68.4843, 30.7751, 21.5917

Details

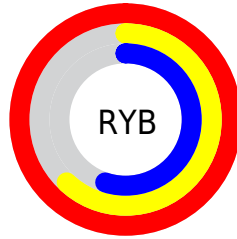
The XYZ color **57.7887, 46.9010, 30.4331** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2705, 73.8548, 105.7392**, and the grayscale version is **45.4679, 47.8358, 52.0931**.

A 20% lighter version of the original color is **74.1599, 71.6988, 60.3827**, and **29.1591, 22.0239, 12.1654** is the 20% darker color. If you saturate the color by 10%, you get **52.8079, 39.5816, 20.6279**, and if you desaturate by 10%, it is **63.8606, 55.7072, 42.7465**.

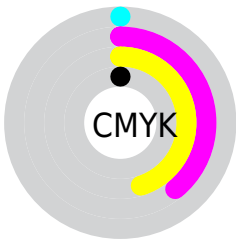
Distribution



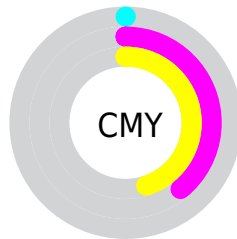
- Red (100%)
- Green (61%)
- Blue (55%)



- Red (100%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7887, 46.9010, 30.4331 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 57.7887, 46.9010, 30.4331 by changing the saturation by 10% instead.


 57.7887, 46.9010,
30.4331


 57.7887, 46.9010,
30.4331


406.3647,
374.4192, 318.1880


 41.8814, 32.9574,
19.9127


 100.7398, 85.5658,
61.4155

 29.1991, 22.0938,
12.1482


 128.5144,
111.0558, 82.7146

 19.3766, 13.9258,
6.7209

 160.9754,
141.1635, 108.4437

 12.0483, 8.0691,
3.2124

198.4882,
176.2731, 139.0213

 6.8490, 4.1392,
1.2041

241.4182,
216.7690, 174.8660

 3.4133, 1.7517,
0.0000

290.1307,

 1.3759, 0.4568,

263.0358, 216.3964

0.0000

344.9911,
315.4577, 264.0308

■ 0.2390, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7887, 46.9010,
30.4331

■ 57.7887, 46.9010,
30.4331

■ 52.8079, 39.5816,
20.6279

■ 63.8606, 55.7072,
42.7465

■ 48.8491, 33.6599,
13.1552

■ 71.0800, 66.0690,
57.7222

■ 45.8406, 29.0480,
7.8207

■ 79.5038, 78.0592,
75.5048

■ 43.6996, 25.6449,
4.3971

■ 89.1839, 91.7441,
96.2280

■ 42.3278, 23.3343,
2.6051

95.0500, 100.0000,
108.9000

■ 41.9135, 22.6071,
2.1545

Harmonies

Analogous

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



60.9593, 46.9010, 47.4373



57.7887, 46.9010, 30.4331



51.1003, 46.9010, 21.5263

Triad

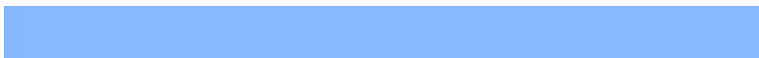
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.7887, 46.9010, 30.4331



32.4885, 46.9010, 35.2272



45.8894, 46.9010, 105.8193

Complementary

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



57.7887, 46.9010, 30.4331



59.2705, 73.8548, 105.7392

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.



38.6357, 46.9010, 99.7897



57.7887, 46.9010, 30.4331



31.4306, 46.9010, 54.8778

Square

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



57.7887, 46.9010, 30.4331



36.6267, 46.9010, 23.6858



33.5517, 46.9010, 79.3963



53.6040, 46.9010, 94.0883

Rectangle

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



57.7887, 46.9010, 30.4331



45.8647, 46.9010, 19.4659



33.5517, 46.9010, 79.3963



43.3156, 46.9010, 105.8292

Sweetspot

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



57.7899, 46.9034, 30.4340



80.8650, 79.9889, 78.4025



66.1317, 45.9892, 87.4664



16.8884, 16.5253, 15.8876



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.



57.7899, 46.9034, 30.4340



53.0276, 39.9069, 21.0523



69.5607, 70.4449, 34.3576



18.2242, 18.4166, 18.7386



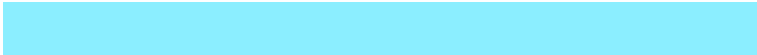
21.9649, 11.9411, 1.1472



2.1996, 1.2845, 0.1320

Inverse Universe

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



59.2705, 73.8548, 105.7392



54.6354, 69.9439, 105.2287



45.3304, 45.9745, 101.0924



18.3146, 20.0008, 23.1452



22.5665, 30.0425, 54.0440



2.2564, 3.0434, 5.2818

Previews

White Background



This preview shows how the XYZ color 57.7887, 46.9010, 30.4331 looks on a white background.

Color Contrast Check

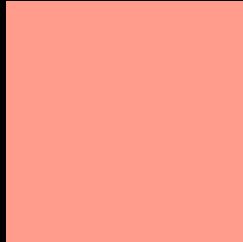
Large Text (above 18pt) WCAG AA × Fail

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 57.7887, 46.9010, 30.4331 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 57.7887, 46.9010, 30.4331

Background



This preview shows how black text looks on a background with the XYZ color 57.7887, 46.9010, 30.4331.



This preview shows how white text looks on a background with the XYZ color 57.7887, 46.9010,

30.4331.

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

57.7887, 46.9010, 30.4331

Protanopia

44.3062, 47.0277, 36.0202

Deuteranopia

48.0220, 47.0081, 29.4641



Tritanopia

59.4964, 47.0515, 41.0680

Trichromacy



Original Color

57.7887, 46.9010, 30.4331



Protanomaly

48.5289, 46.5927, 34.0393



Deuteranomaly

51.0797, 46.6058, 29.5962



Tritanomaly

58.8777, 47.0692, 36.9924

Monochromacy



Original Color

57.7887, 46.9010, 30.4331



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.7823, 46.8009, 43.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7887, 46.9010, 30.4331 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, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 139)  
}
```

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, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 139) }
```

Border

The CSS property to change the border of an element to XYZ 57.7887, 46.9010, 30.4331 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, 156, 139) }
```


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

```
.border{ border-color:rgb(255, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7887, 46.9010, 30.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 139) }
```

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

```
.background{ background-color: rgb(255,  
156, 139) }
```

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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