

Converting Colors

XYZ(56.6681, 48.9897, 30.4357)

Have a look what the booklet for
XYZ(56.6681, 48.9897, 30.4357)
contains.

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Color

**XYZ(56.5814, 48.8816,
30.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A68A
RGB	247, 166, 138
RGB Percent	97%, 65%, 54%
CMY	0.0314, 0.3490, 0.4588
CMYK	0.00, 0.33, 0.44, 0.03
HSL	15°, 87%, 75%
HSV	15°, 44%, 97%
XYZ	56.5814, 48.8816, 30.4977
YIQ	187.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

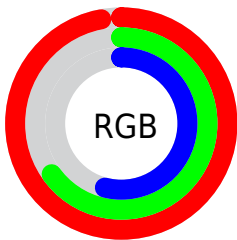
Format	Color
R _Y B	247, 176, 138
Decimal	16230026
CIE Lab	75.38, 26.74, 26.69
CIE LCh	75, 37.783, 44.943
Yxy	48.8816, 0.4162, 0.3595
Android (android.graphics.Color)	4294420106 (0xFFFF7A68A)
YUV	187.0270, -24.1703, 52.5963
Hunter-Lab	69.9154, 22.1053, 23.0779

Details

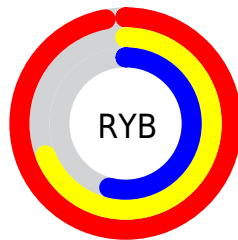
The XYZ color **56.5814, 48.8816, 30.4977** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.6000, 62.7788, 97.3406**, and the grayscale version is **47.3599, 49.8263, 54.2609**.

A 20% lighter version of the original color is **76.8757, 77.3083, 60.7394**, and **28.4056, 23.2062, 12.2146** is the 20% darker color. If you saturate the color by 10%, you get **51.8908, 42.0443, 21.0923**, and if you desaturate by 10%, it is **62.1572, 56.8387, 42.2052**.

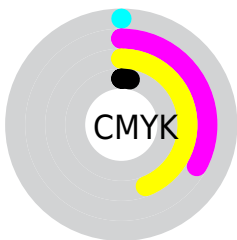
Distribution



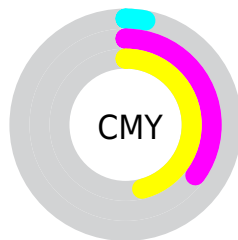
- Red (97%)
- Green (65%)
- Blue (54%)



- Red (97%)
- Yellow (69%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5814, 48.8816, 30.4977 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 56.5814, 48.8816, 30.4977 by changing the saturation by 10% instead.


 56.5814, 48.8816,
30.4977

 56.5814, 48.8816,
30.4977


401.9185,
382.2760, 318.4967

 40.9081, 34.5256,
19.9614


 98.9890, 88.5156,
61.5187

 28.4346, 23.2976,
12.1832


 126.4540,
114.5623, 82.8404

 18.7957, 14.8134,
6.7445


 158.5803,
145.2747, 108.5944

 11.6259, 8.6886,
3.2268

195.7333,
181.0372, 139.1991

 6.5598, 4.5386,
1.2116

238.2782,
222.2342, 175.0732

 3.2322, 1.9792,
0.0000

286.5805,

 1.2777, 0.5953,

269.2501, 216.6351

0.0000

341.0055,
322.4692, 264.3035

■ 0.1665, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5814, 48.8816,
30.4977

■ 56.5814, 48.8816,
30.4977

■ 51.8908, 42.0443,
21.0923

■ 62.1572, 56.8387,
42.2052

■ 48.0339, 36.2682,
13.8325

■ 68.6588, 65.9562,
56.3514

■ 44.9588, 31.5001,
8.5464

■ 76.1285, 76.2814,
73.0658

■ 42.6058, 27.6792,
5.0341

■ 84.6048, 87.8571,
92.4676

■ 40.9051, 24.7366,
3.0522

■ 92.1676, 98.5141,
108.7651

■ 40.1609, 23.3805,
2.3962

Harmonies

Analogous

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



60.6132, 48.8816, 43.9478



56.5814, 48.8816, 30.4977



50.0212, 48.8816, 24.1486

Triad

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



56.5814, 48.8816, 30.4977



34.7081, 48.8816, 43.8831



49.9942, 48.8816, 99.4557

Complementary

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



56.5814, 48.8816, 30.4977



52.6000, 62.7788, 97.3406

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.



43.0729, 48.8816, 99.4258



56.5814, 48.8816, 30.4977



34.7024, 48.8816, 63.7209

Square

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



56.5814, 48.8816, 30.4977



37.6411, 48.8816, 30.4606



37.6247, 48.8816, 85.1148



56.5600, 48.8816, 85.1884

Rectangle

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



56.5814, 48.8816, 30.4977



45.3179, 48.8816, 23.4630



37.6247, 48.8816, 85.1148



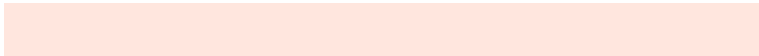
47.6221, 48.8816, 101.2145

Sweetspot

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



56.5826, 48.8840, 30.4986



82.8039, 83.3242, 80.7208



60.3315, 43.1055, 72.6771



17.3181, 17.2780, 16.3597



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.



56.5826, 48.8840, 30.4986



56.2717, 45.9138, 23.6180



68.4728, 72.6644, 34.4620



16.8452, 17.1745, 17.2247



21.3361, 12.5578, 1.2994



1.9548, 1.2628, 0.1407

Inverse Universe

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



52.6000, 62.7788, 97.3406



51.4405, 62.5334, 103.9667



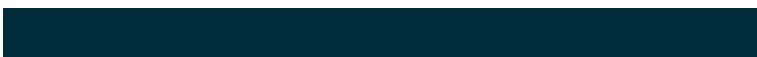
40.7704, 39.1197, 93.3974



16.6153, 17.9948, 21.1402



18.0136, 21.8210, 49.8005



1.6655, 2.0824, 4.4044

Previews

White Background



This preview shows how the XYZ color 56.5814, 48.8816, 30.4977 looks on a white background.

Color Contrast Check

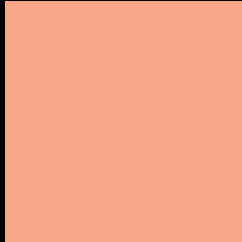
Large Text (above 18pt) WCAG AA × Fail

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 56.5814, 48.8816, 30.4977 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 56.5814, 48.8816, 30.4977

Background



This preview shows how black text looks on a background with the XYZ color 56.5814, 48.8816, 30.4977.



This preview shows how white text looks on a background with the XYZ color 56.5814, 48.8816,

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

56.5814, 48.8816, 30.4977

Protanopia

46.1141, 49.2302, 34.6757

Deuteranopia

49.8795, 48.8340, 30.0895



Tritanopia

59.7120, 48.8309, 45.8133

Trichromacy



Original Color

56.5814, 48.8816, 30.4977

Protanomaly

49.4730, 48.8527, 33.2076

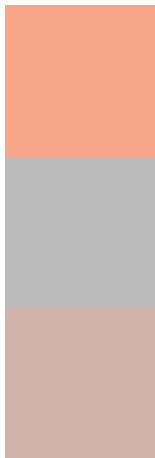
Deuteranomaly

52.2845, 48.9012, 30.3501

Tritanomaly

58.5093, 48.8722, 39.6072

Monochromacy



Original Color

56.5814, 48.8816, 30.4977

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5760, 48.6601, 44.3155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5814, 48.8816, 30.4977 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(247, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 138)  
}
```

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(247, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.5814, 48.8816, 30.4977 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(247, 166, 138) }
```


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

```
.border{ border-color:rgb(247, 166, 138) }
```

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

Here you see how a box with a 4 pixel rgb(247, 166, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 166, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 166, 138);  
box-shadow:4px 4px 4px 4px rgb(247, 166,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5814, 48.8816, 30.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 166, 138) }
```

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

```
.background{ background-color: rgb(247,  
166, 138) }
```

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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