

Converting Colors

Yxy(54.3359, 0.4867, 0.3728)

Have a look what the booklet for
Yxy(54.3359, 0.4867, 0.3728)
contains.

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Color

Yxy(46.7543, 0.4576, 0.3816)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FF9E6A |
| RGB | 255, 158, 106 |
| RGB Percent | 100%, 62%, 42% |
| CMY | 0.0000, 0.3803, 0.5844 |
| CMYK | 0.00, 0.38, 0.58, 0.00 |
| HSL | 21°, 100%, 71% |
| HSV | 21°, 58%, 100% |
| XYZ | 56.0660, 46.7543, 19.7015 |
| YIQ | 181.0750, 74.5040, 4.3920 |

Conversions

Conversions Part 2

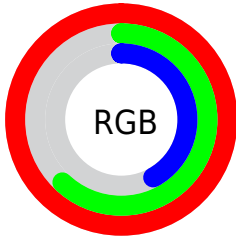
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 255, 186, 106 |
| Decimal | 16752234 |
| CIE Lab | 74.03, 31.26, 42.11 |
| CIE LCh | 74, 52.443, 53.410 |
| Yxy | 46.7543, 0.4576, 0.3816 |
| Android (android.graphics.Color) | 4294942314 (0xFFFF9E6A) |
| YUV | 181.0750, -37.0120, 64.8322 |
| Hunter-Lab | 68.3771, 26.7015, 30.7808 |

Details

The Yxy color **46.7543, 0.4576, 0.3816** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.9803, 0.2258, 0.2639**, and the grayscale version is **46.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3171, 0.3851, 0.3857**, and **22.0728, 0.4949, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **41.0175, 0.4926, 0.3864**, and if you desaturate by 10%, it is **53.4182, 0.4245, 0.3741**.

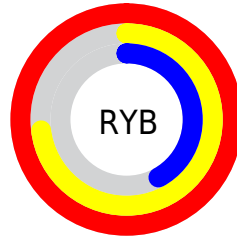
Distribution



Red (100%)

Green (62%)

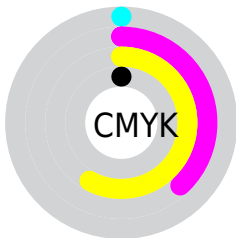
Blue (42%)



Red (100%)

Yellow (73%)

Blue (42%)

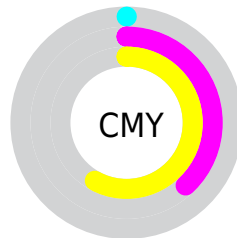


Cyan (0%)

Magenta (38%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7543, 0.4576, 0.3816 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 Yxy color 46.7543, 0.4576, 0.3816 by changing the saturation by 10% instead.


 46.7543, 0.4576,
0.3816

 46.7543, 0.4576,
0.3816


373.8329, 0.3859,
0.3606

 32.8415, 0.4745,
0.3849


 85.3468, 0.4321,
0.3754


 22.0050, 0.4955,
0.3879


 110.7952, 0.4223,
0.3726

 13.8606, 0.5216,
0.3898

 140.8575, 0.4140,
0.3701

 8.0238, 0.5545,
0.3887

 175.9183, 0.4068,
0.3678

 4.1102, 0.6103,
0.3897

216.3618, 0.4005,
0.3658

 1.7354, 0.6452,
0.3548

262.5725, 0.3950,

 0.4464, 0.7348,

0.3639

0.2652

314.9347, 0.3902,
0.3622

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.7543, 0.4576,
0.3816

46.7543, 0.4576,
0.3816

41.0175, 0.4926,
0.3864

53.4182, 0.4245,
0.3741

36.1557, 0.5272,
0.3871

61.0434, 0.3946,
0.3650

32.1219, 0.5584,
0.3829

69.6709, 0.3684,
0.3553

28.8570, 0.5834,
0.3737

79.3372, 0.3459,
0.3457

■ 28.4081, 0.5870,
0.3721

■ 90.0766, 0.3266,
0.3364

99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



46.7543, 0.4416, 0.3272



46.7543, 0.4576, 0.3816



46.7543, 0.4300, 0.4320

Triad

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



46.7543, 0.4576, 0.3816



46.7543, 0.2387, 0.3870



46.7543, 0.2438, 0.2193

Complementary

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



46.7543, 0.4576, 0.3816



52.9803, 0.2258, 0.2639

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.



46.7543, 0.2015, 0.2222



46.7543, 0.4576, 0.3816



46.7543, 0.1979, 0.3098

Square

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



46.7543, 0.4576, 0.3816



46.7543, 0.3023, 0.4488



46.7543, 0.1858, 0.2515



46.7543, 0.3095, 0.2391

Rectangle

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



46.7543, 0.4576, 0.3816



46.7543, 0.3939, 0.4559



46.7543, 0.1858, 0.2515



46.7543, 0.2268, 0.2176

Sweetspot

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



46.7567, 0.4576, 0.3816



79.7867, 0.3450, 0.3453



35.9877, 0.3699, 0.2317



16.4493, 0.3511, 0.3480



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.7567, 0.4576, 0.3816



40.2024, 0.4981, 0.3868



78.9809, 0.4096, 0.4482



19.0242, 0.3286, 0.3374



15.0962, 0.5840, 0.3745



1.6653, 0.5622, 0.3918

Inverse Universe

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



52.9803, 0.2258, 0.2639



46.7750, 0.2127, 0.2483



26.4679, 0.2049, 0.1690



19.3512, 0.2980, 0.3205



18.3077, 0.1917, 0.2102



1.9875, 0.1959, 0.2253

Previews

White Background



This preview shows how the Yxy color 46.7543, 0.4576, 0.3816 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 Yxy color 46.7543, 0.4576, 0.3816 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](#).

Yxy 46.7543, 0.4576, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 46.7543, 0.4576, 0.3816.



This preview shows how white text looks on a background with the Yxy color 46.7543, 0.4576, 0.3816.

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

46.7543, 0.4576, 0.3816

Protanopia

46.8358, 0.3832, 0.4138

Deuteranopia

46.9394, 0.4200, 0.4106



Tritanopia

46.6868, 0.4045, 0.3188

Trichromacy



Original Color

46.7543, 0.4576, 0.3816



Protanomaly

46.1171, 0.4096, 0.4012



Deuteranomaly

46.6669, 0.4344, 0.3993



Tritanomaly

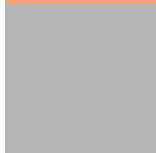
46.6557, 0.4252, 0.3429

Monochromacy



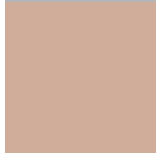
Original Color

46.7543, 0.4576, 0.3816



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

45.6301, 0.3618, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7543, 0.4576, 0.3816 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, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 106)  
}
```

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, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 106) }
```

Border

The CSS property to change the border of an element to Yxy 46.7543, 0.4576, 0.3816 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, 158, 106) }
```

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

```
.border{ border-color:rgb(255, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7543, 0.4576, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 106) }
```

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

```
.background{ background-color: rgb(255,  
158, 106) }
```

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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