

Converting Colors

$Y_{xy}(43.5679, 0.4505, 0.3773)$

Have a look what the booklet for
Yxy(43.5679, 0.4505, 0.3773)
contains.

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Color

Yxy(43.6064, 0.4499, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	F59A6C
RGB	245, 154, 108
RGB Percent	96%, 60%, 42%
CMY	0.0393, 0.3960, 0.5764
CMYK	0.00, 0.37, 0.56, 0.04
HSL	20°, 87%, 69%
HSV	20°, 56%, 96%
XYZ	51.9146, 43.6064, 19.8704
YIQ	175.9650, 69.0020, 4.9860

Conversions

Conversions Part 2

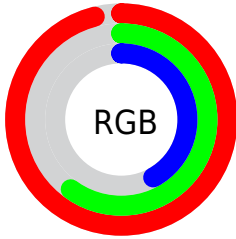
Format	Color
R _Y B	245, 177, 108
Decimal	16095852
CIE Lab	71.96, 29.56, 38.22
CIE LCh	72, 48.315, 52.284
Yxy	43.6064, 0.4499, 0.3779
Android (android.graphics.Color)	4294285932 (0xFFFF59A6C)
YUV	175.9650, -33.5067, 60.5437
Hunter-Lab	66.0351, 24.7691, 28.3839

Details

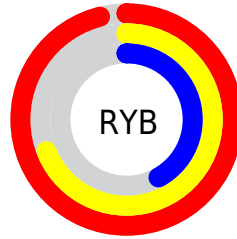
The Yxy color **43.6064, 0.4499, 0.3779** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.6167, 0.2297, 0.2699**, and the grayscale version is **43.5499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3990, 0.3852, 0.3798**, and **20.1328, 0.4880, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **38.1459, 0.4851, 0.3832**, and if you desaturate by 10%, it is **49.9459, 0.4172, 0.3702**.

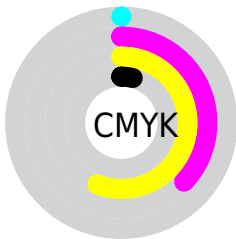
Distribution



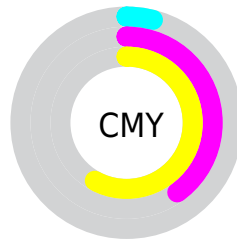
- Red (96%)
- Green (60%)
- Blue (42%)



- Red (96%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6064, 0.4499, 0.3779 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 43.6064, 0.4499, 0.3779 by changing the saturation by 10% instead.


 43.6064, 0.4499,
0.3779


 43.6064, 0.4499,
0.3779

361.0997, 0.3809,
0.3578


 30.3612, 0.4666,
0.3812


 80.6251, 0.4251,
0.3718

 20.1129, 0.4875,
0.3844


 105.1675, 0.4156,
0.3691

 12.4771, 0.5141,
0.3867


 134.2443, 0.4076,
0.3667

 7.0695, 0.5482,
0.3863

 168.2400, 0.4008,
0.3645

 3.5056, 0.6100,
0.3900

207.5390, 0.3948,
0.3626

 1.4010, 0.6473,
0.3527

252.5257, 0.3896,

 0.2175, 0.8107,

0.3608

0.1893

303.5845, 0.3850,
0.3592

0.0000, 0.0000,
0.0000

43.6064, 0.4499,
0.3779

43.6064, 0.4499,
0.3779

38.1459, 0.4851,
0.3832

49.9459, 0.4172,
0.3702

33.5159, 0.5207,
0.3849

57.1962, 0.3879,
0.3613

29.6729, 0.5536,
0.3819

65.3958, 0.3625,
0.3519

26.5654, 0.5807,
0.3738

74.5785, 0.3407,
0.3427

25.4867, 0.5901,
0.3696

84.7768, 0.3223,
0.3339

96.0213, 0.3066,
0.3257

98.1494, 0.3066,
0.3290

Harmonies

Analogous

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



43.6064, 0.4328, 0.3260



43.6064, 0.4499, 0.3779



43.6064, 0.4258, 0.4257

Triad

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



43.6064, 0.4499, 0.3779



43.6064, 0.2449, 0.3863



43.6064, 0.2456, 0.2243

Complementary

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



43.6064, 0.4499, 0.3779



50.6167, 0.2297, 0.2699

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.



43.6064, 0.2059, 0.2282



43.6064, 0.4499, 0.3779



43.6064, 0.2048, 0.3139

Square

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



43.6064, 0.4499, 0.3779



43.6064, 0.3059, 0.4426



43.6064, 0.1919, 0.2576



43.6064, 0.3073, 0.2424

Rectangle

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



43.6064, 0.4499, 0.3779



43.6064, 0.3923, 0.4482



43.6064, 0.1919, 0.2576



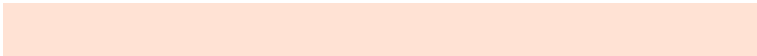
43.6064, 0.2296, 0.2230

Sweetspot

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



43.6086, 0.4499, 0.3779



80.5029, 0.3430, 0.3437



34.2753, 0.3663, 0.2353



16.7839, 0.3472, 0.3456



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.



43.6086, 0.4499, 0.3779



41.1100, 0.4895, 0.3837



72.8167, 0.4054, 0.4438



17.3920, 0.3285, 0.3370



13.9603, 0.5872, 0.3720



1.4089, 0.5630, 0.3912

Inverse Universe

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



50.6167, 0.2297, 0.2699



49.3246, 0.2166, 0.2555



25.9696, 0.2100, 0.1773



17.7654, 0.2980, 0.3209



17.8736, 0.1931, 0.2152



1.7600, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 43.6064, 0.4499, 0.3779 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 43.6064, 0.4499, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

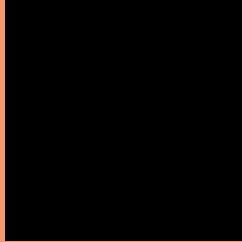
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6064, 0.4499, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 43.6064, 0.4499, 0.3779.



This preview shows how white text looks on a background with the Yxy color 43.6064, 0.4499, 0.3779.

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

43.6064, 0.4499, 0.3779

Protanopia

43.9351, 0.3774, 0.4077

Deuteranopia

43.8429, 0.4142, 0.4057



Tritanopia

43.7882, 0.4061, 0.3185

Trichromacy



Original Color

43.6064, 0.4499, 0.3779

Protanomaly

43.4397, 0.4026, 0.3967

Deuteranomaly

43.7603, 0.4272, 0.3957

Tritanomaly

43.6626, 0.4233, 0.3401

Monochromacy



Original Color

43.6064, 0.4499, 0.3779

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6571, 0.3593, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6064, 0.4499, 0.3779 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(245, 154, 108)` looks like.

```
.text, #text, p{  
    color:rgb(245, 154, 108)  
}
```

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(245, 154, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 154, 108) }
```

Border

The CSS property to change the border of an element to Yxy 43.6064, 0.4499, 0.3779 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(245, 154, 108) }
```

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

```
.border{ border-color:rgb(245, 154, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 154, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 154, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 154, 108);  
box-shadow:4px 4px 4px 4px rgb(245, 154,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6064, 0.4499, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 154, 108) }
```

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

```
.background{ background-color: rgb(245,  
154, 108) }
```

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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