

Converting Colors

$Y_{xy}(34.1967, 0.4820, 0.3422)$

Have a look what the booklet for
Yxy(34.1967, 0.4820, 0.3422)
contains.

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Color

Yxy(34.1372, 0.4816, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	F9766A
RGB	249, 118, 106
RGB Percent	98%, 46%, 42%
CMY	0.0236, 0.5372, 0.5844
CMYK	0.00, 0.53, 0.57, 0.02
HSL	5°, 92%, 70%
HSV	5°, 57%, 98%
XYZ	48.1419, 34.1372, 17.6834
YIQ	155.8010, 81.9280, 24.0400

Conversions

Conversions Part 2

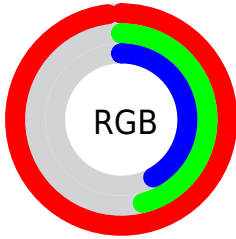
Format	Color
R _Y B	249, 119, 106
Decimal	16348778
CIE Lab	65.07, 49.12, 30.66
CIE LCh	65, 57.902, 31.972
Yxy	34.1372, 0.4816, 0.3415
Android (android.graphics.Color)	4294538858 (0xFFFF9766A)
YUV	155.8010, -24.5519, 81.7355
Hunter-Lab	58.4270, 44.8307, 22.9544

Details

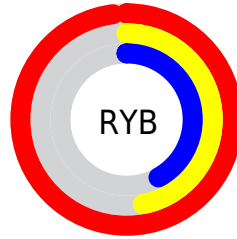
The Yxy color **34.1372, 0.4816, 0.3415** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.4397, 0.2378, 0.3143**, and the grayscale version is **33.2388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5815, 0.4022, 0.3461**, and **14.5371, 0.5343, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **28.9561, 0.5276, 0.3420**, and if you desaturate by 10%, it is **40.7703, 0.4389, 0.3399**.

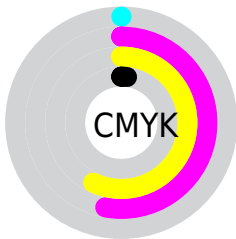
Distribution



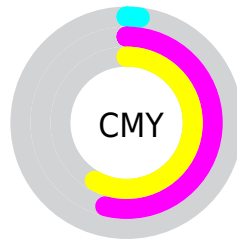
- Red (98%)
- Green (46%)
- Blue (42%)



- Red (98%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (2%)




- Cyan (2%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1372, 0.4816, 0.3415 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 34.1372, 0.4816, 0.3415 by changing the saturation by 10% instead.


 34.1372, 0.4816,
0.3415


 34.1372, 0.4816,
0.3415


320.7434, 0.3927,
0.3405

 22.9990, 0.5044,
0.3397


 66.1470, 0.4487,
0.3426


 14.5928, 0.5336,
0.3360


 87.7873, 0.4364,
0.3426

 8.5341, 0.5720,
0.3289


 113.6972, 0.4262,
0.3424

 4.4386, 0.6232,
0.3145

 144.2611, 0.4175,
0.3420

 1.9218, 0.7082,
0.2918

179.8632, 0.4100,
0.3417

 0.5614, 0.7878,
0.2122

220.8880, 0.4035,

 0.0000, 1.0000,

0.3413

0.0000

267.7200, 0.3978,
0.3409

■ 0.0000, 0.0000,
0.0000

■ 34.1372, 0.4816,
0.3415

■ 34.1372, 0.4816,
0.3415

■ 28.9561, 0.5276,
0.3420

■ 40.7703, 0.4389,
0.3399

■ 25.1128, 0.5721,
0.3411

■ 48.9473, 0.4019,
0.3377

■ 22.4855, 0.6085,
0.3384

■ 58.7590, 0.3710,
0.3353

■ 20.9259, 0.6312,
0.3345

■ 70.2877, 0.3458,
0.3329

■ 20.6714, 0.6352,
0.3339

■ 83.6098, 0.3253,
0.3306

98.7733, 0.3090,
0.3288

98.8767, 0.3090,
0.3290

Harmonies

Analogous

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



34.1372, 0.4242, 0.2818



34.1372, 0.4816, 0.3415



34.1372, 0.4822, 0.4052

Triad

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



34.1372, 0.4816, 0.3415



34.1372, 0.2738, 0.4629



34.1372, 0.1916, 0.1982

Complementary

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



34.1372, 0.4816, 0.3415



70.4397, 0.2378, 0.3143

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.



34.1372, 0.1649, 0.2213



34.1372, 0.4816, 0.3415



34.1372, 0.2054, 0.3720

Square

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



34.1372, 0.4816, 0.3415



34.1372, 0.3575, 0.4954



34.1372, 0.1687, 0.2795



34.1372, 0.2491, 0.2036

Rectangle

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



34.1372, 0.4816, 0.3415



34.1372, 0.4542, 0.4461



34.1372, 0.1687, 0.2795



34.1372, 0.1794, 0.2025

Sweetspot

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



34.1390, 0.4816, 0.3415



74.7490, 0.3449, 0.3328



36.5602, 0.3303, 0.2029



15.4399, 0.3495, 0.3333



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.



34.1390, 0.4816, 0.3415



29.8057, 0.5352, 0.3420



57.7450, 0.4303, 0.4145



17.4599, 0.3292, 0.3311



11.1476, 0.6338, 0.3349



1.1103, 0.6203, 0.3456

Inverse Universe

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



70.4397, 0.2378, 0.3143



71.3168, 0.2288, 0.3109



37.0175, 0.2173, 0.2198



19.3439, 0.2980, 0.3269



33.4782, 0.2173, 0.3024



3.1722, 0.2183, 0.3058

Previews

White Background



This preview shows how the Yxy color 34.1372, 0.4816, 0.3415 looks on a white background.

Color Contrast Check

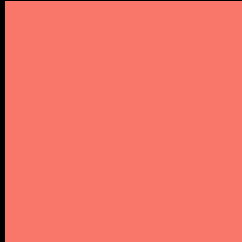
Large Text (above 18pt) WCAG AA × Fail

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 34.1372, 0.4816, 0.3415 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 34.1372, 0.4816, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 34.1372, 0.4816, 0.3415.



This preview shows how white text looks on a background with the Yxy color 34.1372, 0.4816, 0.3415.

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

34.1372, 0.4816, 0.3415

Protanopia

34.3188, 0.3568, 0.3807

Deuteranopia

34.1297, 0.4063, 0.3978



Tritanopia

34.0155, 0.4641, 0.3213

Trichromacy



Original Color

34.1372, 0.4816, 0.3415

Protanomaly

32.9350, 0.4012, 0.3638

Deuteranomaly

33.4216, 0.4349, 0.3748

Tritanomaly

34.0991, 0.4708, 0.3285

Monochromacy



Original Color

34.1372, 0.4816, 0.3415

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1281, 0.3697, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1372, 0.4816, 0.3415 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(249, 118, 106)` looks like.

```
.text, #text, p{  
    color:rgb(249, 118, 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(249, 118, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 118, 106) }
```

Border

The CSS property to change the border of an element to Yxy 34.1372, 0.4816, 0.3415 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(249, 118, 106) }
```

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

```
.border{ border-color:rgb(249, 118, 106) }
```

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

Here you see how a box with a 4 pixel rgb(249, 118, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 118, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 118, 106);  
box-shadow:4px 4px 4px 4px rgb(249, 118,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1372, 0.4816, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 118, 106) }
```

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

```
.background{ background-color: rgb(249,  
118, 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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