

Converting Colors

$Yxy(34.3888, 0.4835, 0.3408)$

Have a look what the booklet for
Yxy(34.3888, 0.4835, 0.3408)
contains.

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Color

Yxy(34.5067, 0.4834, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	FB766A
RGB	251, 118, 106
RGB Percent	98%, 46%, 42%
CMY	0.0156, 0.5373, 0.5843
CMYK	0.00, 0.53, 0.58, 0.02
HSL	5°, 95%, 70%
HSV	5°, 58%, 98%
XYZ	48.8735, 34.5067, 17.7235
YIQ	156.3990, 83.1200, 24.4640

Conversions

Conversions Part 2

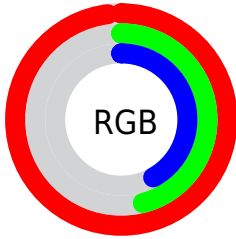
Format	Color
R _Y B	251, 119, 106
Decimal	16479850
CIE Lab	65.36, 49.87, 31.08
CIE LCh	65, 58.763, 31.931
Yxy	34.5067, 0.4834, 0.3413
Android (android.graphics.Color)	4294669930 (0xFFFB766A)
YUV	156.3990, -24.8467, 82.9651
Hunter-Lab	58.7424, 45.7124, 23.2310

Details

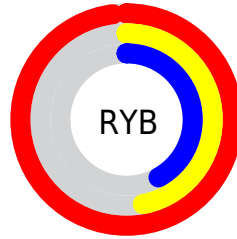
The Yxy color **34.5067, 0.4834, 0.3413** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.8053, 0.2376, 0.3145**, and the grayscale version is **33.5178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5815, 0.4022, 0.3461**, and **14.7911, 0.5361, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **29.2833, 0.5295, 0.3418**, and if you desaturate by 10%, it is **41.2107, 0.4405, 0.3398**.

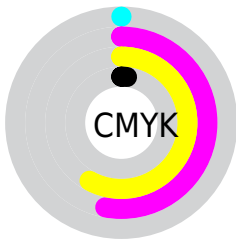
Distribution



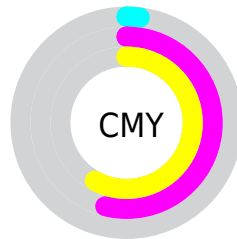
- Red (98%)
- Green (46%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (53%)
- Yellow (58%)
- Black (2%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5067, 0.4834, 0.3413 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 34.5067, 0.4834, 0.3413 by changing the saturation by 10% instead.

 34.5067, 0.4834,
0.3413


 34.5067, 0.4834,
0.3413


322.3855, 0.3938,
0.3406


 23.2831, 0.5063,
0.3394


 66.7209, 0.4502,
0.3425

 14.8027, 0.5356,
0.3356


 88.4802, 0.4379,
0.3425

 8.6810, 0.5740,
0.3283


 114.5203, 0.4276,
0.3423

 4.5337, 0.6250,
0.3138

 145.2256, 0.4188,
0.3420

 1.9764, 0.7091,
0.2909

180.9803, 0.4112,
0.3417

 0.5937, 0.7856,
0.2144

222.1689, 0.4046,

 0.0000, 1.0000,

0.3413

0.0000

269.1759, 0.3989,
0.3409

■ 0.0000, 0.0000,
0.0000

■ 34.5067, 0.4834,
0.3413

■ 34.5067, 0.4834,
0.3413

■ 29.2833, 0.5295,
0.3418

■ 41.2107, 0.4405,
0.3398

■ 25.4231, 0.5739,
0.3408

■ 49.4899, 0.4032,
0.3376

■ 22.7999, 0.6099,
0.3381

■ 59.4379, 0.3720,
0.3353

■ 21.2602, 0.6320,
0.3343

■ 71.1391, 0.3466,
0.3329

■ 21.0416, 0.6353,
0.3337

■ 84.6722, 0.3260,
0.3306

99.2557, 0.3103,
0.3290

Harmonies

Analogous

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



34.5067, 0.4253, 0.2812



34.5067, 0.4834, 0.3413



34.5067, 0.4839, 0.4055

Triad

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



34.5067, 0.4834, 0.3413



34.5067, 0.2733, 0.4647



34.5067, 0.1905, 0.1970

Complementary

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



34.5067, 0.4834, 0.3413



71.8053, 0.2376, 0.3145

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.



34.5067, 0.1636, 0.2202



34.5067, 0.4834, 0.3413



34.5067, 0.2043, 0.3726

Square

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



34.5067, 0.4834, 0.3413



34.5067, 0.3578, 0.4973



34.5067, 0.1674, 0.2790



34.5067, 0.2483, 0.2025

Rectangle

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



34.5067, 0.4834, 0.3413



34.5067, 0.4555, 0.4469



34.5067, 0.1674, 0.2790



34.5067, 0.1781, 0.2013

Sweetspot

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



34.5086, 0.4834, 0.3413



74.7124, 0.3449, 0.3327



37.1992, 0.3281, 0.2005



15.4314, 0.3495, 0.3332



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.



34.5086, 0.4834, 0.3413



29.7541, 0.5354, 0.3417



57.6051, 0.4328, 0.4126



17.4552, 0.3292, 0.3310



11.1385, 0.6340, 0.3348



1.1081, 0.6207, 0.3453

Inverse Universe

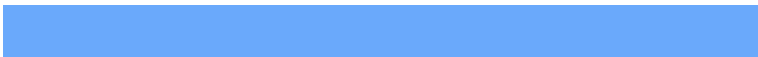
The Inverse Universe completely reimagines the original color for something new.



71.8053, 0.2376, 0.3145



71.4886, 0.2289, 0.3112



38.3545, 0.2174, 0.2222



19.3491, 0.2980, 0.3270



33.5980, 0.2175, 0.3029



3.1820, 0.2184, 0.3063

Previews

White Background



This preview shows how the Yxy color 34.5067, 0.4834, 0.3413 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 34.5067, 0.4834, 0.3413 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 34.5067, 0.4834, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 34.5067, 0.4834, 0.3413.



This preview shows how white text looks on a background with the Yxy color 34.5067, 0.4834, 0.3413.

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

34.5067, 0.4834, 0.3413

Protanopia

34.7724, 0.3575, 0.3819

Deuteranopia

34.5830, 0.4067, 0.3988



Tritanopia

34.3870, 0.4660, 0.3214

Trichromacy



Original Color

34.5067, 0.4834, 0.3413

Protanomaly

33.3730, 0.4017, 0.3650

Deuteranomaly

33.8616, 0.4352, 0.3757

Tritanomaly

34.4706, 0.4727, 0.3285

Monochromacy



Original Color

34.5067, 0.4834, 0.3413

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2573, 0.3708, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5067, 0.4834, 0.3413 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(251, 118, 106)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 118, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 118, 106) }
```

Border

The CSS property to change the border of an element to Yxy 34.5067, 0.4834, 0.3413 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(251, 118, 106) }
```

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

```
.border{ border-color:rgb(251, 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(251, 118, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 118, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 118, 106);  
box-shadow:4px 4px 4px 4px rgb(251, 118,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5067, 0.4834, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 118, 106) }
```

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

```
.background{ background-color: rgb(251,  
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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