

Converting Colors

$Y_{xy}(34.8750, 0.4801, 0.3476)$

Have a look what the booklet for
Yxy(34.8750, 0.4801, 0.3476)
contains.

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Color

Yxy(34.8750, 0.4801, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	F87A68
RGB	248, 122, 104
RGB Percent	97%, 48%, 41%
CMY	0.0275, 0.5215, 0.5922
CMYK	0.00, 0.51, 0.58, 0.03
HSL	8°, 91%, 69%
HSV	8°, 58%, 97%
XYZ	48.1688, 34.8750, 17.2870
YIQ	157.6220, 80.8740, 21.1140

Conversions

Conversions Part 2

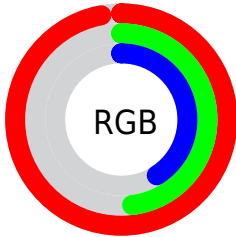
Format	Color
R _Y B	248, 125, 104
Decimal	16284264
CIE Lab	65.65, 46.69, 32.48
CIE LCh	66, 56.880, 34.823
Yxy	34.8750, 0.4801, 0.3476
Android (android.graphics.Color)	4294474344 (0xFFFF87A68)
YUV	157.6220, -26.4356, 79.2615
Hunter-Lab	59.0551, 42.2489, 23.9828

Details

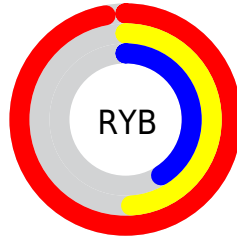
The Yxy color **34.8750, 0.4801, 0.3476** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66.3022, 0.2357, 0.3067**, and the grayscale version is **34.1077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0708, 0.4024, 0.3524**, and **14.9809, 0.5310, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **29.6979, 0.5247, 0.3485**, and if you desaturate by 10%, it is **41.3933, 0.4386, 0.3452**.

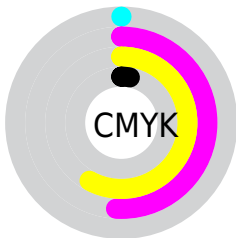
Distribution



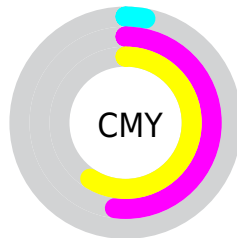
- Red (97%)
- Green (48%)
- Blue (41%)



- Red (97%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (3%)



- Cyan (3%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8750, 0.4801, 0.3476 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 34.8750, 0.4801, 0.3476 by changing the saturation by 10% instead.


 34.8750, 0.4801,
0.3476


 34.8750, 0.4801,
0.3476


324.0162, 0.3924,
0.3436


 23.5666, 0.5024,
0.3465


 67.2921, 0.4477,
0.3476


 15.0124, 0.5309,
0.3437


 89.1695, 0.4357,
0.3472

 8.8281, 0.5681,
0.3376

 115.3388, 0.4255,
0.3466

 4.6292, 0.6176,
0.3248

 146.1843, 0.4169,
0.3460

 2.0314, 0.6968,
0.3032

182.0904, 0.4095,
0.3454

 0.6256, 0.7694,
0.2306

223.4415, 0.4031,

 0.0000, 1.0000,

0.3448

0.0000

270.6220, 0.3974,
0.3442

0.0000, 0.0000,
0.0000

34.8750, 0.4801,
0.3476

34.8750, 0.4801,
0.3476

29.6979, 0.5247,
0.3485

41.3933, 0.4386,
0.3452

25.7629, 0.5681,
0.3472

49.3316, 0.4024,
0.3420

22.9660, 0.6041,
0.3434

58.7694, 0.3720,
0.3385

21.1818, 0.6277,
0.3379

69.7785, 0.3469,
0.3350

20.9376, 0.6311,
0.3371

82.4260, 0.3264,
0.3316

96.7754, 0.3098,
0.3284

98.6961, 0.3084,
0.3290

Harmonies

Analogous

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



34.8750, 0.4288, 0.2883



34.8750, 0.4801, 0.3476



34.8750, 0.4759, 0.4101

Triad

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



34.8750, 0.4801, 0.3476



34.8750, 0.2676, 0.4525



34.8750, 0.1982, 0.2002

Complementary

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



34.8750, 0.4801, 0.3476



66.3022, 0.2357, 0.3067

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.



34.8750, 0.1690, 0.2202



34.8750, 0.4801, 0.3476



34.8750, 0.2030, 0.3617

Square

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



34.8750, 0.4801, 0.3476



34.8750, 0.3492, 0.4912



34.8750, 0.1699, 0.2740



34.8750, 0.2575, 0.2079

Rectangle

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



34.8750, 0.4801, 0.3476



34.8750, 0.4461, 0.4494



34.8750, 0.1699, 0.2740



34.8750, 0.1851, 0.2036

Sweetspot

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



34.8769, 0.4801, 0.3476



75.6596, 0.3446, 0.3346



35.6357, 0.3353, 0.2056



15.6518, 0.3491, 0.3353



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.



34.8769, 0.4801, 0.3476



30.6810, 0.5338, 0.3484



59.0050, 0.4286, 0.4198



17.5750, 0.3291, 0.3320



11.4178, 0.6294, 0.3385



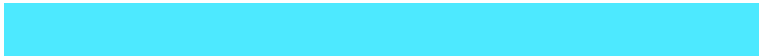
1.1647, 0.6115, 0.3526

Inverse Universe

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



66.3022, 0.2357, 0.3067



66.8661, 0.2259, 0.3014



34.5829, 0.2148, 0.2118



19.2161, 0.2980, 0.3260



30.6038, 0.2136, 0.2889



2.9350, 0.2151, 0.2942

Previews

White Background



This preview shows how the Yxy color 34.8750, 0.4801, 0.3476 looks on a white background.

Color Contrast Check

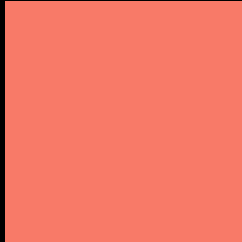
Large Text (above 18pt) WCAG AA × Fail

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 34.8750, 0.4801, 0.3476 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 34.8750, 0.4801, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 34.8750, 0.4801, 0.3476.



This preview shows how white text looks on a background with the Yxy color 34.8750, 0.4801, 0.3476.

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

34.8750, 0.4801, 0.3476

Protanopia

35.1556, 0.3610, 0.3874

Deuteranopia

35.0018, 0.4089, 0.4022



Tritanopia

34.8657, 0.4559, 0.3212

Trichromacy



Original Color

34.8750, 0.4801, 0.3476

Protanomaly

33.9148, 0.4038, 0.3714

Deuteranomaly

34.4122, 0.4358, 0.3805

Tritanomaly

34.9046, 0.4650, 0.3305

Monochromacy



Original Color

34.8750, 0.4801, 0.3476

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1621, 0.3698, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8750, 0.4801, 0.3476 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(248, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(248, 122, 104)  
}
```

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(248, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 122, 104) }
```

Border

The CSS property to change the border of an element to Yxy 34.8750, 0.4801, 0.3476 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(248, 122, 104) }
```

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

```
.border{ border-color:rgb(248, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(248, 122,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8750, 0.4801, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 122, 104) }
```

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

```
.background{ background-color: rgb(248,  
122, 104) }
```

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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