

Converting Colors

$Y_{xy}(35.0936, 0.4640, 0.3328)$

Have a look what the booklet for
Yxy(35.0936, 0.4640, 0.3328)
contains.

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Color

Yxy(35.1835, 0.4640, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	F87A76
RGB	248, 122, 118
RGB Percent	97%, 48%, 46%
CMY	0.0275, 0.5215, 0.5373
CMYK	0.00, 0.51, 0.52, 0.03
HSL	2°, 90%, 72%
HSV	2°, 52%, 97%
XYZ	48.9363, 35.1835, 21.3463
YIQ	159.2180, 76.3800, 25.4680

Conversions

Conversions Part 2

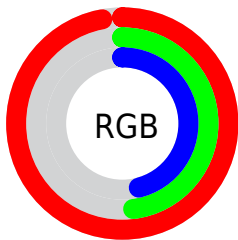
Format	Color
R _Y B	248, 122, 118
Decimal	16284278
CIE Lab	65.89, 47.76, 25.01
CIE LCh	66, 53.915, 27.634
Yxy	35.1835, 0.4640, 0.3336
Android (android.graphics.Color)	4294474358 (0xFFFF87A76)
YUV	159.2180, -20.3205, 77.8618
Hunter-Lab	59.3157, 43.4626, 20.1839

Details

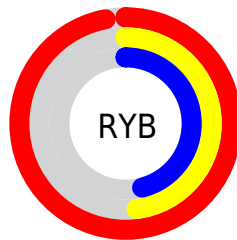
The Yxy color **35.1835, 0.4640, 0.3336** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.2978, 0.2442, 0.3240**, and the grayscale version is **34.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6066, 0.3887, 0.3366**, and **15.2632, 0.5105, 0.3284** is the 20% darker color. If you saturate the color by 10%, you get **29.4811, 0.5105, 0.3341**, and if you desaturate by 10%, it is **42.5031, 0.4224, 0.3328**.

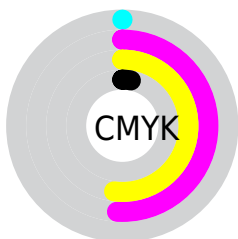
Distribution



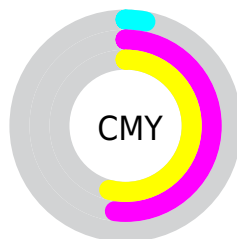
- Red (97%)
- Green (48%)
- Blue (46%)



- Red (97%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (51%)
- Yellow (52%)
- Black (3%)





- Cyan (3%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1835, 0.4640, 0.3336 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 35.1835, 0.4640, 0.3336 by changing the saturation by 10% instead.


 35.1835, 0.4640,
0.3336

 35.1835, 0.4640,
0.3336


325.3775, 0.3844,
0.3353


 23.8043, 0.4846,
0.3317


 67.7699, 0.4344,
0.3353

 15.1885, 0.5113,
0.3282


 89.7459, 0.4235,
0.3356

 8.9518, 0.5469,
0.3220


 116.0230, 0.4143,
0.3357

 4.7097, 0.5957,
0.3100

146.9854, 0.4065,
0.3357

 2.0780, 0.6828,
0.2936

183.0177, 0.3998,
0.3357

 0.6522, 0.7700,
0.2300

224.5043, 0.3940,

 0.0000, 1.0000,

0.3356

0.0000

271.8294, 0.3889,
0.3355

■ 0.0000, 0.0000,
0.0000

■ 35.1835, 0.4640,
0.3336

■ 35.1835, 0.4640,
0.3336

■ 29.4811, 0.5105,
0.3341

■ 42.5031, 0.4224,
0.3328

■ 25.2684, 0.5579,
0.3340

■ 51.5438, 0.3872,
0.3319

■ 22.4080, 0.5992,
0.3332

■ 62.4072, 0.3584,
0.3310

■ 20.7346, 0.6274,
0.3319

■ 75.1856, 0.3352,
0.3300

■ 20.1208, 0.6385,
0.3312

■ 89.9649, 0.3166,
0.3292

 98.6937, 0.3084,
0.3290

Harmonies

Analogous

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



35.1835, 0.4047, 0.2780



35.1835, 0.4640, 0.3336



35.1835, 0.4734, 0.3934

Triad

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



35.1835, 0.4640, 0.3336



35.1835, 0.2886, 0.4595



35.1835, 0.1941, 0.2082

Complementary

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



35.1835, 0.4640, 0.3336



75.2978, 0.2442, 0.3240

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.



35.1835, 0.1730, 0.2350



35.1835, 0.4640, 0.3336



35.1835, 0.2210, 0.3822

Square

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



35.1835, 0.4640, 0.3336



35.1835, 0.3669, 0.4813



35.1835, 0.1812, 0.2950



35.1835, 0.2443, 0.2093

Rectangle

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



35.1835, 0.4640, 0.3336



35.1835, 0.4522, 0.4319



35.1835, 0.1812, 0.2950



35.1835, 0.1839, 0.2137

Sweetspot

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



35.1854, 0.4640, 0.3336



74.9641, 0.3430, 0.3304



39.5496, 0.3206, 0.2052



15.4414, 0.3477, 0.3306



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.



35.1854, 0.4640, 0.3336



31.0621, 0.5138, 0.3341



56.0227, 0.4234, 0.3996



17.3114, 0.3293, 0.3298



10.9076, 0.6379, 0.3317



1.0397, 0.6325, 0.3360

Inverse Universe

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



75.2978, 0.2442, 0.3240



77.9976, 0.2355, 0.3229



43.6007, 0.2278, 0.2428



19.5107, 0.2980, 0.3282



37.4631, 0.2220, 0.3192



3.4980, 0.2224, 0.3205

Previews

White Background



This preview shows how the Yxy color 35.1835, 0.4640, 0.3336 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 35.1835, 0.4640, 0.3336 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 35.1835, 0.4640, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 35.1835, 0.4640, 0.3336.



This preview shows how white text looks on a background with the Yxy color 35.1835, 0.4640, 0.3336.

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

35.1835, 0.4640, 0.3336

Protanopia

35.3259, 0.3447, 0.3656

Deuteranopia

35.3574, 0.3927, 0.3861



Tritanopia

35.1577, 0.4529, 0.3201

Trichromacy



Original Color

35.1835, 0.4640, 0.3336

Protanomaly

34.1485, 0.3867, 0.3518

Deuteranomaly

34.5580, 0.4200, 0.3641

Tritanomaly

35.2951, 0.4572, 0.3253

Monochromacy



Original Color

35.1835, 0.4640, 0.3336

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.6478, 0.3630, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1835, 0.4640, 0.3336 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(248, 122, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 122, 118) }
```

Border

The CSS property to change the border of an element to Yxy 35.1835, 0.4640, 0.3336 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, 118) }
```

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

```
.border{ border-color:rgb(248, 122, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(248, 122,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1835, 0.4640, 0.3336 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, 118) }
```

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

```
.background{ background-color: rgb(248,  
122, 118) }
```

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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