

Converting Colors

$Y_{xy}(35.5796, 0.4659, 0.3379)$

Have a look what the booklet for
Yxy(35.5796, 0.4659, 0.3379)
contains.

Yxy(35.6327, 0.4651, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.6327, 0.4651, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	F87C74
RGB	248, 124, 116
RGB Percent	97%, 49%, 45%
CMY	0.0274, 0.5137, 0.5452
CMYK	0.00, 0.50, 0.53, 0.03
HSL	4°, 90%, 71%
HSV	4°, 53%, 97%
XYZ	49.0754, 35.6327, 20.8077
YIQ	160.1640, 76.4720, 23.8000

Conversions

Conversions Part 2

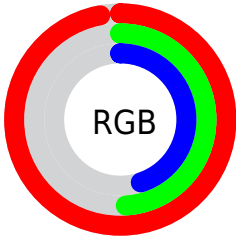
Format	Color
R _Y B	248, 125, 116
Decimal	16284788
CIE Lab	66.24, 46.65, 26.59
CIE LCh	66, 53.695, 29.684
Yxy	35.6327, 0.4651, 0.3377
Android (android.graphics.Color)	4294474868 (0xFFFF87C74)
YUV	160.1640, -21.7729, 77.0322
Hunter-Lab	59.6931, 42.2869, 21.1180

Details

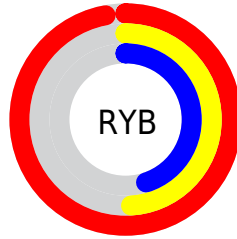
The Yxy color **35.6327, 0.4651, 0.3377** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.8116, 0.2425, 0.3192**, and the grayscale version is **35.3090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3274, 0.3898, 0.3408**, and **15.4886, 0.5118, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **29.9674, 0.5109, 0.3384**, and if you desaturate by 10%, it is **42.8348, 0.4239, 0.3363**.

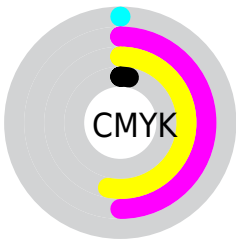
Distribution



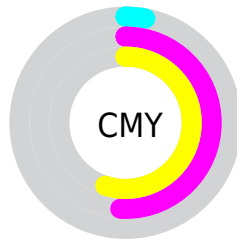
- Red (97%)
- Green (49%)
- Blue (45%)



- Red (97%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (53%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6327, 0.4651, 0.3377 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 35.6327, 0.4651, 0.3377 by changing the saturation by 10% instead.


 35.6327, 0.4651,
0.3377


 35.6327, 0.4651,
0.3377


327.3523, 0.3851,
0.3375


 24.1507, 0.4857,
0.3362


 68.4648, 0.4354,
0.3387

 15.4454, 0.5123,
0.3332


 90.5836, 0.4244,
0.3388

 9.1326, 0.5476,
0.3275


 117.0168, 0.4152,
0.3387

 4.8278, 0.5957,
0.3162

148.1488, 0.4074,
0.3385

 2.1466, 0.6841,
0.3020

184.3639, 0.4007,
0.3383

 0.6906, 0.7611,
0.2389

226.0466, 0.3948,

 0.0000, 1.0000,

0.3380

0.0000

273.5813, 0.3897,
0.3378

■ 0.0000, 0.0000,
0.0000

■ 35.6327, 0.4651,
0.3377

■ 35.6327, 0.4651,
0.3377

■ 29.9674, 0.5109,
0.3384

■ 42.8348, 0.4239,
0.3363

■ 25.7221, 0.5574,
0.3382

■ 51.6682, 0.3889,
0.3346

■ 22.7723, 0.5981,
0.3367

■ 62.2265, 0.3601,
0.3329

■ 20.9698, 0.6261,
0.3341

■ 74.5945, 0.3368,
0.3311

■ 20.3031, 0.6369,
0.3325

■ 88.8515, 0.3180,
0.3295

98.6998, 0.3084,
0.3290

Harmonies

Analogous

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



35.6327, 0.4091, 0.2819



35.6327, 0.4651, 0.3377



35.6327, 0.4709, 0.3972

Triad

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



35.6327, 0.4651, 0.3377



35.6327, 0.2837, 0.4545



35.6327, 0.1975, 0.2083

Complementary

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



35.6327, 0.4651, 0.3377



72.8116, 0.2425, 0.3192

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.



35.6327, 0.1744, 0.2330



35.6327, 0.4651, 0.3377



35.6327, 0.2181, 0.3756

Square

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



35.6327, 0.4651, 0.3377



35.6327, 0.3614, 0.4805



35.6327, 0.1806, 0.2902



35.6327, 0.2493, 0.2111

Rectangle

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



35.6327, 0.4651, 0.3377



35.6327, 0.4480, 0.4350



35.6327, 0.1806, 0.2902



35.6327, 0.1866, 0.2132

Sweetspot

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



35.6346, 0.4651, 0.3377



75.5846, 0.3428, 0.3316



38.8217, 0.3247, 0.2070



15.5867, 0.3475, 0.3320



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.



35.6346, 0.4651, 0.3377



31.4747, 0.5149, 0.3385



57.4441, 0.4228, 0.4049



17.3942, 0.3293, 0.3305



11.0304, 0.6358, 0.3334



1.0791, 0.6256, 0.3415

Inverse Universe

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



72.8116, 0.2425, 0.3192



74.8455, 0.2335, 0.3170



41.3048, 0.2253, 0.2353



19.4174, 0.2980, 0.3275



35.2018, 0.2194, 0.3099



3.3135, 0.2201, 0.3124

Previews

White Background



This preview shows how the Yxy color 35.6327, 0.4651, 0.3377 looks on a white background.

Color Contrast Check

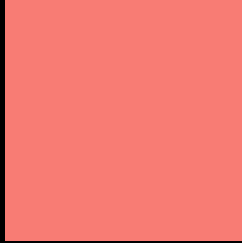
Large Text (above 18pt) WCAG AA × Fail

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 35.6327, 0.4651, 0.3377 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 35.6327, 0.4651, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 35.6327, 0.4651, 0.3377.



This preview shows how white text looks on a background with the Yxy color 35.6327, 0.4651, 0.3377.

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

35.6327, 0.4651, 0.3377

Protanopia

35.8411, 0.3484, 0.3697

Deuteranopia

35.5964, 0.3958, 0.3869



Tritanopia

35.6705, 0.4506, 0.3211

Trichromacy



Original Color

35.6327, 0.4651, 0.3377

Protanomaly

34.8542, 0.3889, 0.3570

Deuteranomaly

34.9833, 0.4215, 0.3664

Tritanomaly

35.7863, 0.4560, 0.3274

Monochromacy



Original Color

35.6327, 0.4651, 0.3377

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0875, 0.3637, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6327, 0.4651, 0.3377 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, 124, 116)` looks like.

```
.text, #text, p{  
    color:rgb(248, 124, 116)  
}
```

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, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 124, 116) }
```

Border

The CSS property to change the border of an element to Yxy 35.6327, 0.4651, 0.3377 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, 124, 116) }
```

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

```
.border{ border-color:rgb(248, 124, 116) }
```

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

Here you see how a box with a 4 pixel rgb(248, 124, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 124, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 124, 116);  
box-shadow:4px 4px 4px 4px rgb(248, 124,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6327, 0.4651, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 124, 116) }
```

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

```
.background{ background-color: rgb(248,  
124, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor