

Converting Colors

$Y_{xy}(35.3572, 0.4692, 0.3247)$

Have a look what the booklet for
Yxy(35.3572, 0.4692, 0.3247)
contains.

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Color

Yxy(35.3877, 0.4687, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	FF757A
RGB	255, 117, 122
RGB Percent	100%, 46%, 48%
CMY	0.0000, 0.5411, 0.5215
CMYK	0.00, 0.54, 0.52, 0.00
HSL	358°, 100%, 73%
HSV	358°, 54%, 100%
XYZ	51.1131, 35.3877, 22.5522
YIQ	158.8320, 80.6430, 30.8110

Conversions

Conversions Part 2

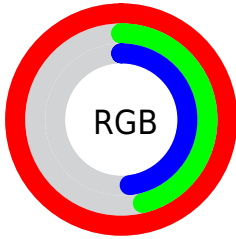
Format	Color
R_{YB}	255, 117, 122
Decimal	16741754
CIE _{Lab}	66.05, 52.94, 23.13
CIE _{LCh}	66, 57.772, 23.603
Yxy	35.3877, 0.4687, 0.3245
Android (android.graphics.Color)	4294931834 (0xFFFF757A)
YUV	158.8320, -18.1582, 84.3393
Hunter-Lab	59.4876, 49.2683, 19.1640

Details

The Yxy color **35.3877, 0.4687, 0.3245** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.2008, 0.2457, 0.3346**, and the grayscale version is **34.6494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2031, 0.3864, 0.3282**, and **15.2637, 0.5178, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **29.7002, 0.5155, 0.3244**, and if you desaturate by 10%, it is **42.8509, 0.4265, 0.3251**.

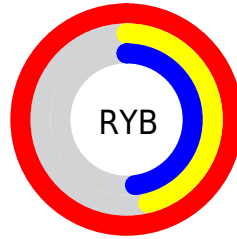
Distribution



Red (100%)

Green (46%)

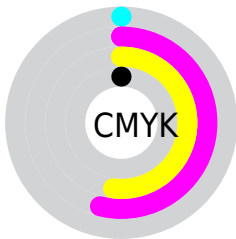
Blue (48%)



Red (100%)

Yellow (46%)

Blue (48%)

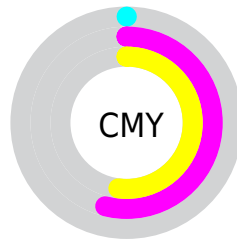


Cyan (0%)

Magenta (54%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3877, 0.4687, 0.3245 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 35.3877, 0.4687, 0.3245 by changing the saturation by 10% instead.


 35.3877, 0.4687,
0.3245


 35.3877, 0.4687,
0.3245


326.2763, 0.3868,
0.3309


 23.9617, 0.4899,
0.3214


 68.0859, 0.4382,
0.3279

 15.3052, 0.5174,
0.3166


 90.1270, 0.4270,
0.3288

 9.0339, 0.5539,
0.3087


 116.4751, 0.4175,
0.3295

 4.7633, 0.6041,
0.2946

147.5147, 0.4095,
0.3300

 2.1090, 0.6862,
0.2728

183.6303, 0.4026,
0.3303

 0.6697, 0.7863,
0.2137

225.2061, 0.3966,

 0.0000, 1.0000,

0.3306


0.0000

272.6267, 0.3914,
0.3307

 0.0000, 0.0000,
0.0000


 35.3877, 0.4687,
0.3245


 35.3877, 0.4687,
0.3245


 29.7002, 0.5155,
0.3244

 42.8509, 0.4265,
0.3251


 25.6360, 0.5625,
0.3249


 52.2145, 0.3908,
0.3259


 23.0271, 0.6027,
0.3261

 63.5982, 0.3616,
0.3268

 21.6657, 0.6291,
0.3279

 77.1107, 0.3381,
0.3278

 21.2791, 0.6375,
0.3286

 92.8526, 0.3193,
0.3287

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



35.3877, 0.3994, 0.2676



35.3877, 0.4687, 0.3245



35.3877, 0.4855, 0.3870

Triad

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



35.3877, 0.4687, 0.3245



35.3877, 0.2970, 0.4770



35.3877, 0.1826, 0.2031

Complementary

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



35.3877, 0.4687, 0.3245



82.2008, 0.2457, 0.3346

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.



35.3877, 0.1645, 0.2351



35.3877, 0.4687, 0.3245



35.3877, 0.2230, 0.3991

Square

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



35.3877, 0.4687, 0.3245



35.3877, 0.3798, 0.4895



35.3877, 0.1771, 0.3031



35.3877, 0.2310, 0.2010

Rectangle

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



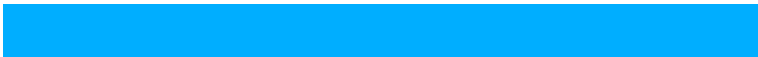
35.3877, 0.4687, 0.3245



35.3877, 0.4664, 0.4286



35.3877, 0.1771, 0.3031



35.3877, 0.1733, 0.2101

Sweetspot

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



35.3896, 0.4687, 0.3245



74.3957, 0.3421, 0.3276



39.9187, 0.3126, 0.1976



15.3084, 0.3467, 0.3274



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.



35.3896, 0.4687, 0.3245



29.2773, 0.5198, 0.3244



54.8253, 0.4339, 0.3926



17.9977, 0.3289, 0.3282



11.1240, 0.6364, 0.3280



1.0867, 0.6278, 0.3232

Inverse Universe

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



35.3896, 0.4687, 0.3245



29.2773, 0.5198, 0.3244



49.0990, 0.2276, 0.2514



17.9977, 0.3289, 0.3282



11.1240, 0.6364, 0.3280



1.0867, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 35.3877, 0.4687, 0.3245 looks on a white background.

Color Contrast Check

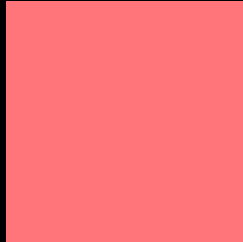
Large Text (above 18pt) WCAG AA × Fail

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 35.3877, 0.4687, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

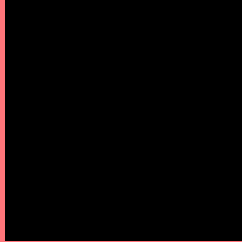
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3877, 0.4687, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 35.3877, 0.4687, 0.3245.



This preview shows how white text looks on a background with the Yxy color 35.3877, 0.4687, 0.3245.

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

35.3877, 0.4687, 0.3245

Protanopia

35.4496, 0.3362, 0.3539

Deuteranopia

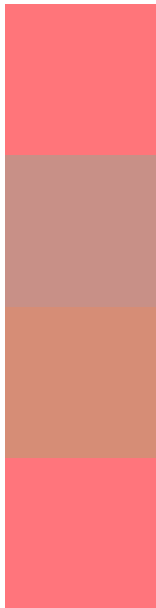
35.4485, 0.3888, 0.3808



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.3877, 0.4687, 0.3245

Protanomaly

33.9751, 0.3832, 0.3411

Deuteranomaly

34.6539, 0.4183, 0.3577

Tritanomaly

35.4378, 0.4663, 0.3225

Monochromacy



Original Color

35.3877, 0.4687, 0.3245

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.4912, 0.3647, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3877, 0.4687, 0.3245 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(255, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 122)  
}
```

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(255, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 122) }
```

Border

The CSS property to change the border of an element to Yxy 35.3877, 0.4687, 0.3245 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(255, 117, 122) }
```

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

```
.border{ border-color:rgb(255, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3877, 0.4687, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 122) }
```

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

```
.background{ background-color: rgb(255,  
117, 122) }
```

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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