

Converting Colors

$Yxy(63.9475, 0.5341, 0.3386)$

Have a look what the booklet for
Yxy(63.9475, 0.5341, 0.3386)
contains.

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Color

Yxy(39.0705, 0.4639, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	FF8476
RGB	255, 132, 118
RGB Percent	100%, 52%, 46%
CMY	0.0000, 0.4824, 0.5372
CMYK	0.00, 0.48, 0.54, 0.00
HSL	6°, 100%, 73%
HSV	6°, 54%, 100%
XYZ	52.7651, 39.0705, 21.9068
YIQ	167.1810, 77.8020, 21.7220

Conversions

Conversions Part 2

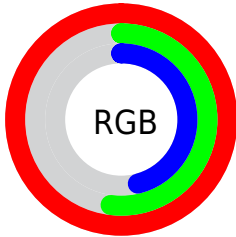
Format	Color
R_{YB}	255, 134, 118
Decimal	16745590
CIE Lab	68.80, 45.41, 29.02
CIE LCh	69, 53.887, 32.581
Yxy	39.0705, 0.4639, 0.3435
Android (android.graphics.Color)	4294935670 (0xFFFF8476)
YUV	167.1810, -24.2462, 77.0173
Hunter-Lab	62.5064, 41.2954, 22.9750

Details

The Yxy color **39.0705, 0.4639, 0.3435** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.9984, 0.2406, 0.3124**, and the grayscale version is **38.8285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7029, 0.3852, 0.3470**, and **17.4910, 0.5097, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **33.0006, 0.5085, 0.3447**, and if you desaturate by 10%, it is **46.6675, 0.4237, 0.3412**.

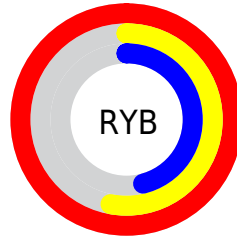
Distribution



Red (100%)

Green (52%)

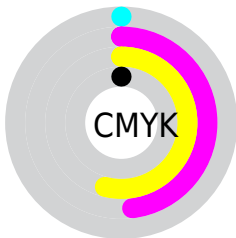
Blue (46%)



Red (100%)

Yellow (53%)

Blue (46%)

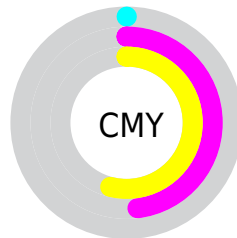


Cyan (0%)

Magenta (48%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0705, 0.4639, 0.3435 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 39.0705, 0.4639, 0.3435 by changing the saturation by 10% instead.


 39.0705, 0.4639,
0.3435


 39.0705, 0.4639,
0.3435


342.1901, 0.3858,
0.3405


 26.8146, 0.4836,
0.3427


 73.7460, 0.4352,
0.3435

 17.4340, 0.5088,
0.3407

 96.9344, 0.4245,
0.3432

 10.5444, 0.5418,
0.3364

 124.5357, 0.4155,
0.3428

 5.7614, 0.5861,
0.3272

156.9343, 0.4078,
0.3424

 2.7005, 0.6588,
0.3136

194.5147, 0.4012,
0.3419

 0.9775, 0.7332,
0.2668

237.6612, 0.3954,

 0.0000, 1.0000,


0.3414


0.0000


286.7582, 0.3903,
0.3410

 0.0000, 0.0000,
0.0000


 39.0705, 0.4639,
0.3435


 39.0705, 0.4639,
0.3435


 33.0006, 0.5085,
0.3447


 46.6675, 0.4237,
0.3412

 28.3534, 0.5538,
0.3444


 55.8848, 0.3893,
0.3385

 25.0125, 0.5940,
0.3420

 66.8092, 0.3609,
0.3355

 22.8425, 0.6226,
0.3378

 79.5207, 0.3376,
0.3327

 21.9995, 0.6337,
0.3350

 94.0947, 0.3188,
0.3300

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



39.0705, 0.4135, 0.2881



39.0705, 0.4639, 0.3435



39.0705, 0.4650, 0.4017

Triad

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



39.0705, 0.4639, 0.3435



39.0705, 0.2777, 0.4450



39.0705, 0.2038, 0.2102

Complementary

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



39.0705, 0.4639, 0.3435



73.9984, 0.2406, 0.3124

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.



39.0705, 0.1784, 0.2318



39.0705, 0.4639, 0.3435



39.0705, 0.2156, 0.3659

Square

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



39.0705, 0.4639, 0.3435



39.0705, 0.3534, 0.4765



39.0705, 0.1817, 0.2847



39.0705, 0.2573, 0.2152

Rectangle

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



39.0705, 0.4639, 0.3435



39.0705, 0.4404, 0.4378



39.0705, 0.1817, 0.2847



39.0705, 0.1922, 0.2142

Sweetspot

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



39.0707, 0.4639, 0.3435



76.4564, 0.3425, 0.3333



40.5913, 0.3312, 0.2112



15.7912, 0.3471, 0.3339



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.



39.0707, 0.4639, 0.3435



32.8497, 0.5098, 0.3448



63.9741, 0.4201, 0.4121



18.2851, 0.3292, 0.3315



11.5921, 0.6321, 0.3363



1.2228, 0.6173, 0.3481

Inverse Universe

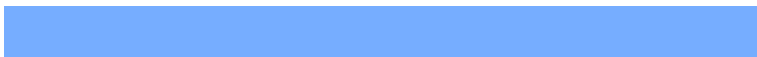
The Inverse Universe completely reimagines the original color for something new.



73.9984, 0.2406, 0.3124



70.8376, 0.2315, 0.3087



40.8890, 0.2225, 0.2250



20.1460, 0.2980, 0.3265



33.1778, 0.2157, 0.2966



3.3179, 0.2168, 0.3006

Previews

White Background



This preview shows how the Yxy color 39.0705, 0.4639, 0.3435 looks on a white background.

Color Contrast Check

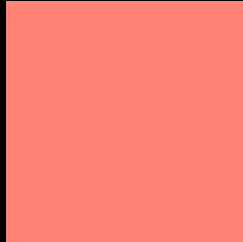
Large Text (above 18pt) WCAG AA × Fail

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 39.0705, 0.4639, 0.3435 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 39.0705, 0.4639, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 39.0705, 0.4639, 0.3435.



This preview shows how white text looks on a background with the Yxy color 39.0705, 0.4639, 0.3435.

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

39.0705, 0.4639, 0.3435

Protanopia

39.3102, 0.3534, 0.3765

Deuteranopia

39.2385, 0.3992, 0.3908



Tritanopia

39.0893, 0.4413, 0.3201

Trichromacy



Original Color

39.0705, 0.4639, 0.3435

Protanomaly

38.2666, 0.3929, 0.3636

Deuteranomaly

38.4226, 0.4231, 0.3710

Tritanomaly

39.1313, 0.4500, 0.3294

Monochromacy



Original Color

39.0705, 0.4639, 0.3435

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4232, 0.3636, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0705, 0.4639, 0.3435 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, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 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(255, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 39.0705, 0.4639, 0.3435 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, 132, 118) }
```

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

```
.border{ border-color:rgb(255, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0705, 0.4639, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 118) }
```

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

```
.background{ background-color: rgb(255,  
132, 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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