

Converting Colors

$Y_{xy}(34.8670, 0.4686, 0.3150)$

Have a look what the booklet for
Yxy(34.8670, 0.4686, 0.3150)
contains.

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Color

Yxy(34.3806, 0.4655, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FF707F
RGB	255, 112, 127
RGB Percent	100%, 44%, 50%
CMY	0.0000, 0.5608, 0.5020
CMYK	0.00, 0.56, 0.50, 0.00
HSL	354°, 100%, 72%
HSV	354°, 56%, 100%
XYZ	50.8715, 34.3806, 24.0314
YIQ	156.4670, 80.4130, 34.9810

Conversions

Conversions Part 2

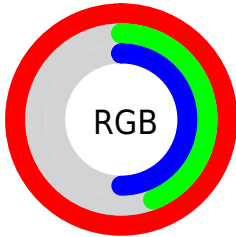
Format	Color
R _Y B	255, 112, 127
Decimal	16740479
CIE Lab	65.26, 55.68, 19.24
CIE LCh	65, 58.916, 19.064
Yxy	34.3806, 0.4655, 0.3146
Android (android.graphics.Color)	4294930559 (0xFFFF707F)
YUV	156.4670, -14.5272, 86.4134
Hunter-Lab	58.6350, 52.2547, 16.7446

Details

The Yxy color **34.3806, 0.4655, 0.3146** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.2548, 0.2481, 0.3465**, and the grayscale version is **33.5001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5606, 0.3824, 0.3166**, and **14.7159, 0.5137, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **28.9966, 0.5101, 0.3139**, and if you desaturate by 10%, it is **41.4864, 0.4253, 0.3165**.

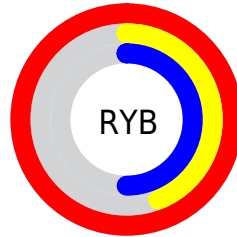
Distribution



Red (100%)

Green (44%)

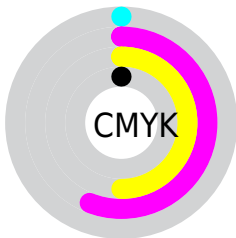
Blue (50%)



Red (100%)

Yellow (44%)

Blue (50%)

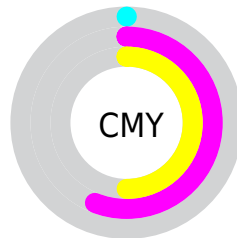


Cyan (0%)

Magenta (56%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3806, 0.4655, 0.3146 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 34.3806, 0.4655, 0.3146 by changing the saturation by 10% instead.


 34.3806, 0.4655,
0.3146


 34.3806, 0.4655,
0.3146


321.8258, 0.3849,
0.3256

 23.1861, 0.4866,
0.3106

 66.5251, 0.4354,
0.3195

 14.7310, 0.5140,
0.3046


 88.2439, 0.4243,
0.3211

 8.6308, 0.5508,
0.2953


 114.2397, 0.4150,
0.3223

 4.5012, 0.6020,
0.2798

144.8967, 0.4072,
0.3232

 1.9577, 0.6817,
0.2541

180.5994, 0.4004,
0.3240

 0.5827, 0.8067,
0.1933

221.7323, 0.3945,


 0.0000, 1.0000,

0.3246

0.0000


268.6796, 0.3894,
0.3251


 0.0000, 0.0000,
0.0000


 34.3806, 0.4655,
0.3146


 34.3806, 0.4655,
0.3146

 28.9966, 0.5101,
0.3139


 41.4864, 0.4253,
0.3165


 25.1954, 0.5552,
0.3150


 50.4532, 0.3911,
0.3191

 22.8018, 0.5949,
0.3182

 61.3963, 0.3630,
0.3219

 21.6023, 0.6229,
0.3230

 74.4240, 0.3402,
0.3247

 21.3380, 0.6304,
0.3246

 89.6366, 0.3220,
0.3274

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.



34.3806, 0.3881, 0.2581



34.3806, 0.4655, 0.3146



34.3806, 0.4914, 0.3779

Triad

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



34.3806, 0.4655, 0.3146



34.3806, 0.3090, 0.4887



34.3806, 0.1748, 0.2027

Complementary

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



34.3806, 0.4655, 0.3146



81.2548, 0.2481, 0.3465

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.



34.3806, 0.1609, 0.2403



34.3806, 0.4655, 0.3146



34.3806, 0.2303, 0.4164

Square

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



34.3806, 0.4655, 0.3146



34.3806, 0.3932, 0.4901



34.3806, 0.1785, 0.3157



34.3806, 0.2193, 0.1966

Rectangle

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



34.3806, 0.4655, 0.3146



34.3806, 0.4765, 0.4208



34.3806, 0.1785, 0.3157



34.3806, 0.1668, 0.2114

Sweetspot

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



34.3777, 0.4655, 0.3146



73.1403, 0.3421, 0.3245



37.0373, 0.3038, 0.1901



15.0665, 0.3464, 0.3239



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.



34.3777, 0.4655, 0.3146



28.5848, 0.5143, 0.3139



49.9970, 0.4462, 0.3850



18.0180, 0.3278, 0.3265



11.1596, 0.6281, 0.3234



1.0963, 0.6061, 0.3112

Inverse Universe

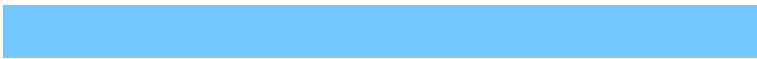
The Inverse Universe completely reimagines the original color for something new.



34.3777, 0.4655, 0.3146



28.5848, 0.5143, 0.3139



52.0552, 0.2274, 0.2606



18.0180, 0.3278, 0.3265



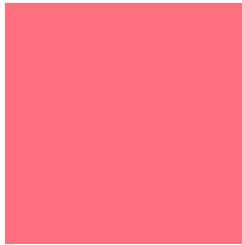
11.1596, 0.6281, 0.3234



1.0963, 0.6061, 0.3112

Previews

White Background



This preview shows how the Yxy color 34.3806, 0.4655, 0.3146 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 34.3806, 0.4655, 0.3146 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 34.3806, 0.4655, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 34.3806, 0.4655, 0.3146.



This preview shows how white text looks on a background with the Yxy color 34.3806, 0.4655, 0.3146.

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

34.3806, 0.4655, 0.3146

Protanopia

34.5482, 0.3259, 0.3408

Deuteranopia

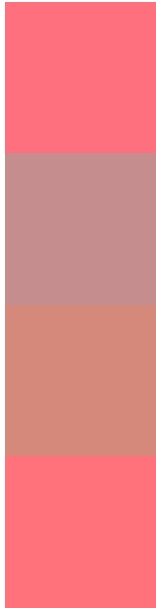
34.3773, 0.3815, 0.3735



Tritanopia

34.4507, 0.4723, 0.3216

Trichromacy



Original Color

34.3806, 0.4655, 0.3146

Protanomaly

32.8731, 0.3733, 0.3278

Deuteranomaly

33.3184, 0.4130, 0.3468

Tritanomaly

34.5003, 0.4699, 0.3196

Monochromacy



Original Color

34.3806, 0.4655, 0.3146

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0070, 0.3649, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3806, 0.4655, 0.3146 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, 112, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 127)  
}
```

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, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.3806, 0.4655, 0.3146 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, 112, 127) }
```

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

```
.border{ border-color:rgb(255, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3806, 0.4655, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 127) }
```

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

```
.background{ background-color: rgb(255,  
112, 127) }
```

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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