

Converting Colors

$Y_{xy}(41.0604, 0.4929, 0.3181)$

Have a look what the booklet for
Yxy(41.0604, 0.4929, 0.3181)
contains.

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Color

Yxy(34.5766, 0.4661, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FF717E
RGB	255, 113, 126
RGB Percent	100%, 44%, 49%
CMY	0.0001, 0.5567, 0.5059
CMYK	0.00, 0.56, 0.51, 0.00
HSL	355°, 100%, 72%
HSV	355°, 56%, 100%
XYZ	50.9038, 34.5766, 23.7318
YIQ	156.9400, 80.4590, 34.1470

Conversions

Conversions Part 2

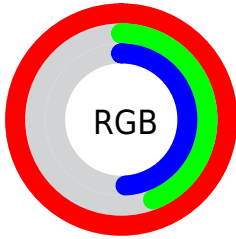
Format	Color
R _Y B	255, 113, 126
Decimal	16740734
CIE Lab	65.42, 55.11, 20.01
CIE LCh	65, 58.628, 19.960
Yxy	34.5766, 0.4661, 0.3166
Android (android.graphics.Color)	4294930814 (0xFFFF717E)
YUV	156.9400, -15.2534, 85.9986
Hunter-Lab	58.8019, 51.6213, 17.2325

Details

The Yxy color **34.5766, 0.4661, 0.3166** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.4256, 0.2476, 0.3441**, and the grayscale version is **33.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8906, 0.3830, 0.3187**, and **14.7995, 0.5148, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **29.1340, 0.5112, 0.3160**, and if you desaturate by 10%, it is **41.7591, 0.4255, 0.3182**.

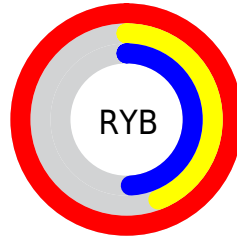
Distribution



Red (100%)

Green (44%)

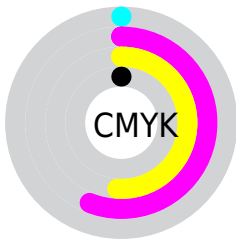
Blue (49%)



Red (100%)

Yellow (44%)

Blue (49%)

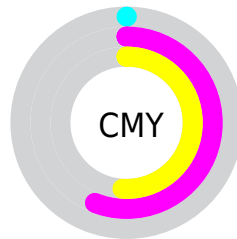


Cyan (0%)

Magenta (56%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5766, 0.4661, 0.3166 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 34.5766, 0.4661, 0.3166 by changing the saturation by 10% instead.


 34.5766, 0.4661,
0.3166


 34.5766, 0.4661,
0.3166


322.6955, 0.3852,
0.3266


 23.3369, 0.4872,
0.3128


 66.8293, 0.4359,
0.3212

 14.8425, 0.5146,
0.3070


 88.6112, 0.4248,
0.3226

 8.7089, 0.5514,
0.2980


 114.6758, 0.4155,
0.3237

 4.5518, 0.6024,
0.2828

145.4077, 0.4076,
0.3246

 1.9868, 0.6825,
0.2579

181.1912, 0.4008,
0.3253

 0.5998, 0.8025,
0.1975

222.4108, 0.3949,

 0.0000, 1.0000,

0.3258

0.0000

269.4507, 0.3898,
0.3263

■ 0.0000, 0.0000,
0.0000

■ 34.5766, 0.4661,
0.3166

■ 34.5766, 0.4661,
0.3166

■ 29.1340, 0.5112,
0.3160

■ 41.7591, 0.4255,
0.3182

■ 25.2783, 0.5567,
0.3170

■ 50.8064, 0.3910,
0.3205

■ 22.8399, 0.5966,
0.3198

■ 61.8383, 0.3627,
0.3229

■ 21.6068, 0.6243,
0.3241

■ 74.9630, 0.3398,
0.3254

■ 21.3178, 0.6322,
0.3256

■ 90.2809, 0.3214,
0.3277

99.9947, 0.3127,
0.3290

Harmonies

Analogous

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



34.5766, 0.3903, 0.2601



34.5766, 0.4661, 0.3166



34.5766, 0.4902, 0.3797

Triad

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



34.5766, 0.4661, 0.3166



34.5766, 0.3066, 0.4863



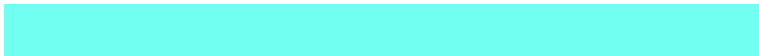
34.5766, 0.1764, 0.2028

Complementary

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



34.5766, 0.4661, 0.3166



81.4256, 0.2476, 0.3441

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.



34.5766, 0.1617, 0.2393



34.5766, 0.4661, 0.3166



34.5766, 0.2289, 0.4128

Square

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



34.5766, 0.4661, 0.3166



34.5766, 0.3905, 0.4900



34.5766, 0.1783, 0.3131



34.5766, 0.2217, 0.1975

Rectangle

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



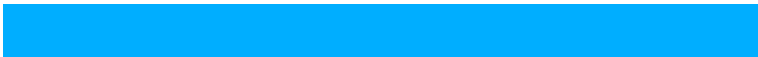
34.5766, 0.4661, 0.3166



34.5766, 0.4744, 0.4224



34.5766, 0.1783, 0.3131



34.5766, 0.1682, 0.2112

Sweetspot

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



34.5785, 0.4661, 0.3166



73.1100, 0.3425, 0.3251



37.6971, 0.3061, 0.1918



15.0595, 0.3469, 0.3246



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.



34.5785, 0.4661, 0.3166



28.5396, 0.5173, 0.3161



51.1250, 0.4433, 0.3870



18.0140, 0.3280, 0.3269



11.1508, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Inverse Universe

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



34.5785, 0.4661, 0.3166



28.5396, 0.5173, 0.3161



51.2087, 0.2273, 0.2581



18.0140, 0.3280, 0.3269



11.1508, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 34.5766, 0.4661, 0.3166 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 34.5766, 0.4661, 0.3166 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 34.5766, 0.4661, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 34.5766, 0.4661, 0.3166.



This preview shows how white text looks on a background with the Yxy color 34.5766, 0.4661, 0.3166.

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

34.5766, 0.4661, 0.3166

Protanopia

34.9337, 0.3287, 0.3452

Deuteranopia

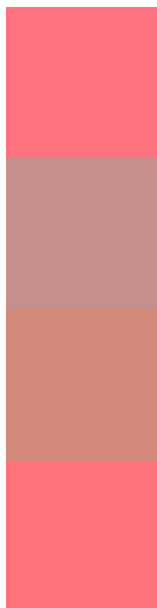
34.8299, 0.3821, 0.3746



Tritanopia

34.6751, 0.4717, 0.3226

Trichromacy



Original Color

34.5766, 0.4661, 0.3166

Protanomaly

33.2452, 0.3763, 0.3318

Deuteranomaly

33.5791, 0.4135, 0.3493

Tritanomaly

34.7247, 0.4693, 0.3206

Monochromacy



Original Color

34.5766, 0.4661, 0.3166

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4625, 0.3645, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5766, 0.4661, 0.3166 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, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 126)  
}
```

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, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.5766, 0.4661, 0.3166 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, 113, 126) }
```

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

```
.border{ border-color:rgb(255, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5766, 0.4661, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 126) }
```

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

```
.background{ background-color: rgb(255,  
113, 126) }
```

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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