

Converting Colors

$Y_{xy}(35.0853, 0.4671, 0.3174)$

Have a look what the booklet for
Yxy(35.0853, 0.4671, 0.3174)
contains.

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Color

Yxy(34.8010, 0.4656, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FF727E
RGB	255, 114, 126
RGB Percent	100%, 45%, 49%
CMY	0.0001, 0.5529, 0.5060
CMYK	0.00, 0.55, 0.51, 0.00
HSL	355°, 100%, 72%
HSV	355°, 55%, 100%
XYZ	51.0181, 34.8010, 23.7558
YIQ	157.5270, 80.1840, 33.6240

Conversions

Conversions Part 2

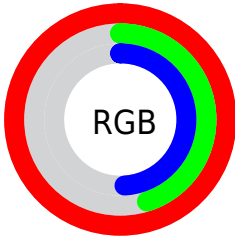
Format	Color
R _Y B	255, 114, 126
Decimal	16740990
CIE Lab	65.59, 54.65, 20.28
CIE LCh	66, 58.293, 20.355
Yxy	34.8010, 0.4656, 0.3176
Android (android.graphics.Color)	4294931070 (0xFFFF727E)
YUV	157.5270, -15.5428, 85.4838
Hunter-Lab	58.9924, 51.1346, 17.4190

Details

The Yxy color **34.8010, 0.4656, 0.3176** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.5643, 0.2475, 0.3428**, and the grayscale version is **34.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2641, 0.3827, 0.3197**, and **14.8994, 0.5140, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **29.2952, 0.5108, 0.3171**, and if you desaturate by 10%, it is **42.0539, 0.4249, 0.3191**.

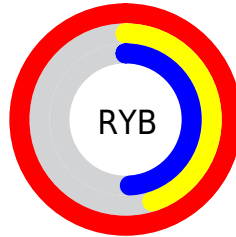
Distribution



Red (100%)

Green (45%)

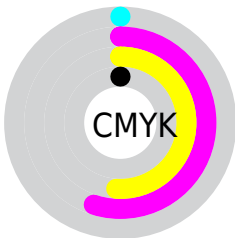
Blue (49%)



Red (100%)

Yellow (45%)

Blue (49%)

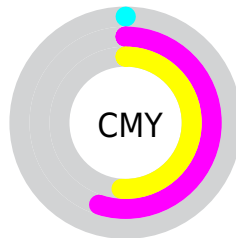


Cyan (0%)

Magenta (55%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8010, 0.4656, 0.3176 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 34.8010, 0.4656, 0.3176 by changing the saturation by 10% instead.


 34.8010, 0.4656,
0.3176


 34.8010, 0.4656,
0.3176


323.6891, 0.3850,
0.3271


 23.5096, 0.4866,
0.3139


 67.1774, 0.4356,
0.3220

 14.9703, 0.5139,
0.3083


 89.0312, 0.4245,
0.3234

 8.7985, 0.5504,
0.2995


 115.1745, 0.4152,
0.3244

 4.6100, 0.6010,
0.2846

145.9919, 0.4074,
0.3252

 2.0203, 0.6804,
0.2601

181.8676, 0.4006,
0.3259

 0.6192, 0.7983,
0.2017

223.1861, 0.3947,


 0.0000, 1.0000,


0.3264

0.0000


270.3318, 0.3896,
0.3268


 0.0000, 0.0000,
0.0000


 34.8010, 0.4656,
0.3176


 34.8010, 0.4656,
0.3176


 29.2952, 0.5108,
0.3171


 42.0539, 0.4249,
0.3191

 25.3842, 0.5566,
0.3180


 51.1785, 0.3904,
0.3212

 22.8988, 0.5967,
0.3206

 62.2944, 0.3620,
0.3235

 21.6288, 0.6246,
0.3245

 75.5097, 0.3392,
0.3257

 21.3140, 0.6330,
0.3261

 90.9247, 0.3209,
0.3279

99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



34.8010, 0.3909, 0.2612



34.8010, 0.4656, 0.3176



34.8010, 0.4888, 0.3804

Triad

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



34.8010, 0.4656, 0.3176



34.8010, 0.3057, 0.4844



34.8010, 0.1777, 0.2034

Complementary

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



34.8010, 0.4656, 0.3176



81.5643, 0.2475, 0.3428

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.



34.8010, 0.1627, 0.2393



34.8010, 0.4656, 0.3176



34.8010, 0.2286, 0.4109

Square

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



34.8010, 0.4656, 0.3176



34.8010, 0.3891, 0.4892



34.8010, 0.1788, 0.3122



34.8010, 0.2232, 0.1984

Rectangle

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



34.8010, 0.4656, 0.3176



34.8010, 0.4728, 0.4228



34.8010, 0.1788, 0.3122



34.8010, 0.1693, 0.2116

Sweetspot

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



34.8029, 0.4656, 0.3176



73.0951, 0.3428, 0.3254



37.9405, 0.3061, 0.1926



15.0560, 0.3471, 0.3249



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.



34.8029, 0.4656, 0.3176



28.9667, 0.5142, 0.3171



51.3758, 0.4420, 0.3867



18.0121, 0.3281, 0.3270



11.1468, 0.6310, 0.3250



1.0935, 0.6123, 0.3146

Inverse Universe

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



34.8029, 0.4656, 0.3176



28.9667, 0.5142, 0.3171



51.4618, 0.2278, 0.2587



18.0121, 0.3281, 0.3270



11.1468, 0.6310, 0.3250



1.0935, 0.6123, 0.3146

Previews

White Background



This preview shows how the Yxy color 34.8010, 0.4656, 0.3176 looks on a white background.

Color Contrast Check

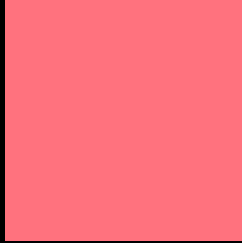
Large Text (above 18pt) WCAG AA × Fail

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 34.8010, 0.4656, 0.3176 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 34.8010, 0.4656, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 34.8010, 0.4656, 0.3176.



This preview shows how white text looks on a background with the Yxy color 34.8010, 0.4656, 0.3176.

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

34.8010, 0.4656, 0.3176

Protanopia

34.9337, 0.3287, 0.3452

Deuteranopia

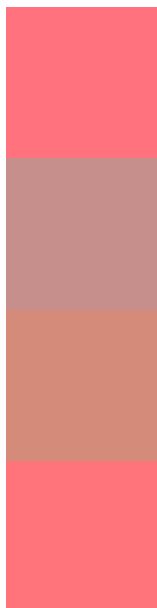
34.8299, 0.3821, 0.3746



Tritanopia

34.9266, 0.4699, 0.3226

Trichromacy



Original Color

34.8010, 0.4656, 0.3176

Protanomaly

33.5441, 0.3759, 0.3332

Deuteranomaly

33.8674, 0.4130, 0.3506

Tritanomaly

34.9515, 0.4687, 0.3215

Monochromacy



Original Color

34.8010, 0.4656, 0.3176

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

32.7588, 0.3642, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8010, 0.4656, 0.3176 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, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 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, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.8010, 0.4656, 0.3176 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, 114, 126) }
```

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

```
.border{ border-color:rgb(255, 114, 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, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8010, 0.4656, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 126) }
```

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

```
.background{ background-color: rgb(255,  
114, 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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