

Converting Colors

$Y_{xy}(34.9984, 0.4584, 0.3202)$

Have a look what the booklet for
Yxy(34.9984, 0.4584, 0.3202)
contains.

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Color

Yxy(34.9984, 0.4584, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	FB767F
RGB	251, 118, 127
RGB Percent	98%, 46%, 50%
CMY	0.0155, 0.5373, 0.5019
CMYK	0.00, 0.53, 0.49, 0.02
HSL	356°, 94%, 72%
HSV	356°, 53%, 98%
XYZ	50.1039, 34.9984, 24.1994
YIQ	158.7930, 76.3790, 30.9950

Conversions

Conversions Part 2

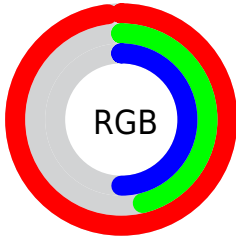
Format	Color
R _Y B	251, 118, 127
Decimal	16479871
CIE Lab	65.75, 51.55, 19.80
CIE LCh	66, 55.218, 21.010
Yxy	34.9984, 0.4584, 0.3202
Android (android.graphics.Color)	4294669951 (0xFFFB767F)
YUV	158.7930, -15.6739, 80.8655
Hunter-Lab	59.1594, 47.6479, 17.1588

Details

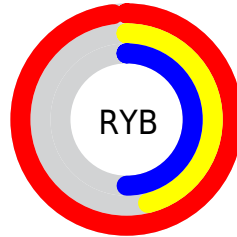
The Yxy color **34.9984, 0.4584, 0.3202** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79.2781, 0.2484, 0.3395**, and the grayscale version is **34.6172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4424, 0.3808, 0.3218**, and **15.0522, 0.5053, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **29.3143, 0.5035, 0.3196**, and if you desaturate by 10%, it is **42.4006, 0.4183, 0.3215**.

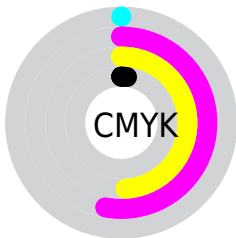
Distribution



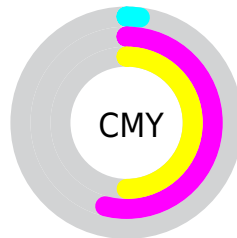
- Red (98%)
- Green (46%)
- Blue (50%)



- Red (98%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (53%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9984, 0.4584, 0.3202 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 34.9984, 0.4584, 0.3202 by changing the saturation by 10% instead.


 34.9984, 0.4584,
0.3202


 34.9984, 0.4584,
0.3202


324.5613, 0.3816,
0.3281


 23.6616, 0.4785,
0.3170


 67.4833, 0.4298,
0.3240

 15.0828, 0.5046,
0.3121


 89.4002, 0.4192,
0.3251

 8.8775, 0.5396,
0.3043


 115.6126, 0.4104,
0.3260

 4.6614, 0.5885,
0.2908

146.5050, 0.4029,
0.3266

 2.0500, 0.6647,
0.2680

182.4616, 0.3964,
0.3271

 0.6363, 0.7856,
0.2144

223.8669, 0.3908,

 0.0000, 1.0000,

0.3275

0.0000

271.1054, 0.3860,
0.3278

■ 0.0000, 0.0000,
0.0000

■ 34.9984, 0.4584,
0.3202

■ 34.9984, 0.4584,
0.3202

■ 29.3143, 0.5035,
0.3196

■ 42.4006, 0.4183,
0.3215

■ 25.2050, 0.5501,
0.3202

■ 51.6381, 0.3846,
0.3232

■ 22.5133, 0.5920,
0.3220

■ 62.8243, 0.3571,
0.3250

■ 21.0469, 0.6223,
0.3251

■ 76.0618, 0.3350,
0.3268

■ 20.5568, 0.6348,
0.3271

■ 91.4461, 0.3173,
0.3285

99.2562, 0.3103,
0.3290

Harmonies

Analogous

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



34.9984, 0.3888, 0.2656



34.9984, 0.4584, 0.3202



34.9984, 0.4798, 0.3807

Triad

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



34.9984, 0.4584, 0.3202



34.9984, 0.3052, 0.4740



34.9984, 0.1843, 0.2089

Complementary

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



34.9984, 0.4584, 0.3202



79.2781, 0.2484, 0.3395

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.



34.9984, 0.1692, 0.2431



34.9984, 0.4584, 0.3202



34.9984, 0.2319, 0.4041

Square

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



34.9984, 0.4584, 0.3202



34.9984, 0.3847, 0.4815



34.9984, 0.1844, 0.3119



34.9984, 0.2288, 0.2044

Rectangle

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



34.9984, 0.4584, 0.3202



34.9984, 0.4646, 0.4210



34.9984, 0.1844, 0.3119



34.9984, 0.1760, 0.2167

Sweetspot

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



35.0003, 0.4584, 0.3202



74.4628, 0.3412, 0.3263



38.4350, 0.3086, 0.1983



15.3241, 0.3456, 0.3259



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.



35.0003, 0.4584, 0.3202



29.8568, 0.5084, 0.3196



51.8715, 0.4334, 0.3870



17.2443, 0.3283, 0.3274



10.8091, 0.6330, 0.3261



1.0076, 0.6167, 0.3171

Inverse Universe

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



35.0003, 0.4584, 0.3202



29.8568, 0.5084, 0.3196



50.1148, 0.2304, 0.2593



17.2443, 0.3283, 0.3274



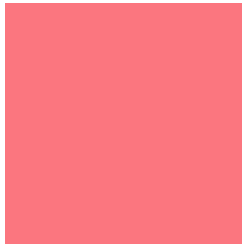
10.8091, 0.6330, 0.3261



1.0076, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 34.9984, 0.4584, 0.3202 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 34.9984, 0.4584, 0.3202 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 34.9984, 0.4584, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 34.9984, 0.4584, 0.3202.



This preview shows how white text looks on a background with the Yxy color 34.9984, 0.4584, 0.3202.

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

34.9984, 0.4584, 0.3202

Protanopia

35.3552, 0.3304, 0.3481

Deuteranopia

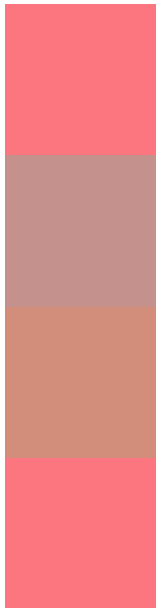
35.1830, 0.3806, 0.3746



Tritanopia

34.9725, 0.4596, 0.3213

Trichromacy



Original Color

34.9984, 0.4584, 0.3202

Protanomaly

34.0146, 0.3741, 0.3358

Deuteranomaly

34.3287, 0.4097, 0.3519

Tritanomaly

34.9725, 0.4596, 0.3213

Monochromacy



Original Color

34.9984, 0.4584, 0.3202

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.2596, 0.3614, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9984, 0.4584, 0.3202 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(251, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 118, 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(251, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 118, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.9984, 0.4584, 0.3202 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(251, 118, 127) }
```

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

```
.border{ border-color:rgb(251, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 118,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9984, 0.4584, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 118, 127) }
```

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

```
.background{ background-color: rgb(251,  
118, 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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