

Converting Colors

$Y_{xy}(40.1499, 0.4265, 0.3106)$

Have a look what the booklet for
Yxy(40.1499, 0.4265, 0.3106)
contains.

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Color

Yxy(40.2694, 0.4260, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	FF8597
RGB	255, 133, 151
RGB Percent	100%, 52%, 59%
CMY	0.0000, 0.4784, 0.4080
CMYK	0.00, 0.48, 0.41, 0.00
HSL	351°, 100%, 76%
HSV	351°, 48%, 100%
XYZ	55.2133, 40.2694, 34.1260
YIQ	171.5300, 66.9340, 31.4620

Conversions

Conversions Part 2

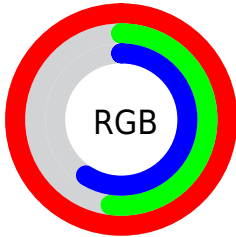
Format	Color
R _Y B	255, 133, 151
Decimal	16745879
CIE Lab	69.66, 47.97, 11.84
CIE LCh	70, 49.405, 13.863
Yxy	40.2694, 0.4260, 0.3107
Android (android.graphics.Color)	4294935959 (0xFFFF8597)
YUV	171.5300, -10.1213, 73.2032
Hunter-Lab	63.4582, 44.2563, 12.5363

Details

The Yxy color **40.2694, 0.4260, 0.3107** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6238, 0.2570, 0.3497**, and the grayscale version is **41.0310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6342, 0.3551, 0.3116**, and **18.1142, 0.4615, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **33.4721, 0.4651, 0.3081**, and if you desaturate by 10%, it is **48.8928, 0.3925, 0.3143**.

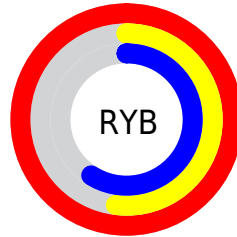
Distribution



Red (100%)

Green (52%)

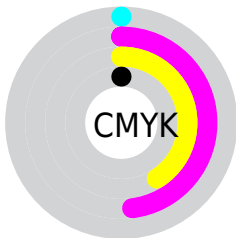
Blue (59%)



Red (100%)

Yellow (52%)

Blue (59%)

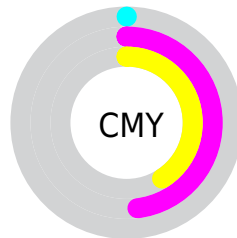


Cyan (0%)

Magenta (48%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2694, 0.4260, 0.3107 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 40.2694, 0.4260, 0.3107 by changing the saturation by 10% instead.


 40.2694, 0.4260,
0.3107


 40.2694, 0.4260,
0.3107


347.2577, 0.3676,
0.3217

 27.7487, 0.4410,
0.3074


 75.5736, 0.4044,
0.3151

 18.1363, 0.4604,
0.3028


 99.1258, 0.3964,
0.3166

 11.0479, 0.4865,
0.2962


 127.1239, 0.3897,
0.3179

 6.0990, 0.5230,
0.2860

159.9524, 0.3840,
0.3189

 2.9054, 0.5771,
0.2688

197.9957, 0.3790,
0.3198

 1.0825, 0.6811,
0.2432

241.6380, 0.3747,


 0.0000, 1.0000,


0.3205

0.0000


291.2639, 0.3709,
0.3211


 0.0000, 0.0000,
0.0000

 40.2694, 0.4260,
0.3107


 40.2694, 0.4260,
0.3107


 33.4721, 0.4651,
0.3081


 48.8928, 0.3925,
0.3143


 28.3671, 0.5083,
0.3072


 59.4592, 0.3649,
0.3183

 24.8052, 0.5519,
0.3087

 72.0781, 0.3424,
0.3223

 22.6103, 0.5906,
0.3130

 86.8503, 0.3244,
0.3262

 21.5484, 0.6186,
0.3195

100.0000, 0.3127,
0.3290

■ 21.3970, 0.6233,
0.3207

Harmonies

Analogous

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



40.2694, 0.3607, 0.2640



40.2694, 0.4260, 0.3107



40.2694, 0.4562, 0.3641

Triad

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



40.2694, 0.4260, 0.3107



40.2694, 0.3248, 0.4575



40.2694, 0.1946, 0.2293

Complementary

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



40.2694, 0.4260, 0.3107



82.6238, 0.2570, 0.3497

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.



40.2694, 0.1876, 0.2677



40.2694, 0.4260, 0.3107



40.2694, 0.2576, 0.4096

Square

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



40.2694, 0.4260, 0.3107



40.2694, 0.3923, 0.4551



40.2694, 0.2088, 0.3335



40.2694, 0.2283, 0.2185

Rectangle

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



40.2694, 0.4260, 0.3107



40.2694, 0.4512, 0.3997



40.2694, 0.2088, 0.3335



40.2694, 0.1892, 0.2389

Sweetspot

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



40.2700, 0.4260, 0.3107



77.4917, 0.3350, 0.3238



41.9498, 0.3023, 0.2070



15.9270, 0.3391, 0.3230



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.



40.2700, 0.4260, 0.3107



33.9765, 0.4616, 0.3083



53.8883, 0.4226, 0.3737



18.0306, 0.3271, 0.3255



11.1934, 0.6204, 0.3191



1.1022, 0.5937, 0.3044

Inverse Universe

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



40.2700, 0.4260, 0.3107



33.9765, 0.4616, 0.3083



59.4452, 0.2397, 0.2776



18.0306, 0.3271, 0.3255



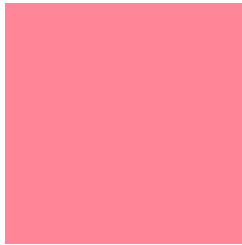
11.1934, 0.6204, 0.3191



1.1022, 0.5937, 0.3044

Previews

White Background



This preview shows how the Yxy color 40.2694, 0.4260, 0.3107 looks on a white background.

Color Contrast Check

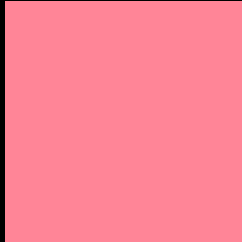
Large Text (above 18pt) WCAG AA × Fail

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 40.2694, 0.4260, 0.3107 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 40.2694, 0.4260, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 40.2694, 0.4260, 0.3107.



This preview shows how white text looks on a background with the Yxy color 40.2694, 0.4260, 0.3107.

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

40.2694, 0.4260, 0.3107

Protanopia

40.5740, 0.3146, 0.3276

Deuteranopia

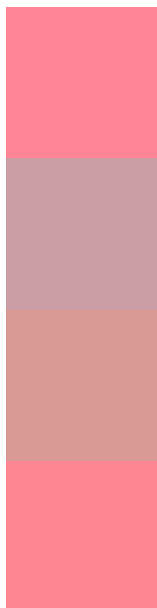
40.3620, 0.3604, 0.3528



Tritanopia

40.1346, 0.4326, 0.3190

Trichromacy



Original Color

40.2694, 0.4260, 0.3107

Protanomaly

39.4908, 0.3518, 0.3202

Deuteranomaly

39.6723, 0.3833, 0.3353

Tritanomaly

40.2276, 0.4291, 0.3158

Monochromacy



Original Color

40.2694, 0.4260, 0.3107

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.6906, 0.3505, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2694, 0.4260, 0.3107 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, 133, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 151)  
}
```

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, 133, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.2694, 0.4260, 0.3107 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, 133, 151) }
```

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

```
.border{ border-color:rgb(255, 133, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2694, 0.4260, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 151) }
```

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

```
.background{ background-color: rgb(255,  
133, 151) }
```

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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