

Converting Colors

$Y_{xy}(41.0109, 0.4199, 0.3082)$

Have a look what the booklet for
Yxy(41.0109, 0.4199, 0.3082)
contains.

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Color

Yxy(40.9545, 0.4205, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FF879B
RGB	255, 135, 155
RGB Percent	100%, 53%, 61%
CMY	0.0000, 0.4706, 0.3921
CMYK	0.00, 0.47, 0.39, 0.00
HSL	350°, 100%, 76%
HSV	350°, 47%, 100%
XYZ	55.8229, 40.9545, 35.9762
YIQ	173.1600, 65.1000, 31.6600

Conversions

Conversions Part 2

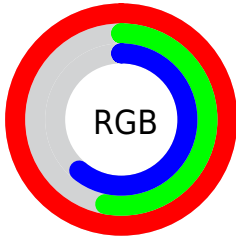
Format	Color
R_{YB}	255, 135, 155
Decimal	16746395
CIE Lab	70.14, 47.41, 10.26
CIE LCh	70, 48.511, 12.208
Yxy	40.9545, 0.4205, 0.3085
Android (android.graphics.Color)	4294936475 (0xFFFF879B)
YUV	173.1600, -8.9529, 71.7737
Hunter-Lab	63.9957, 43.7116, 11.4661

Details

The Yxy color **40.9545, 0.4205, 0.3085** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6688, 0.2588, 0.3521**, and the grayscale version is **41.8967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6904, 0.3514, 0.3095**, and **18.4864, 0.4535, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **34.0191, 0.4582, 0.3054**, and if you desaturate by 10%, it is **49.7206, 0.3884, 0.3126**.

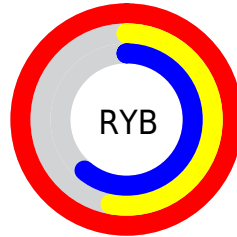
Distribution



Red (100%)

Green (53%)

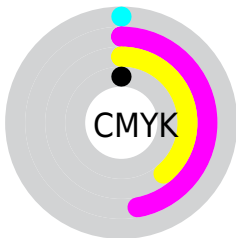
Blue (61%)



Red (100%)

Yellow (53%)

Blue (61%)

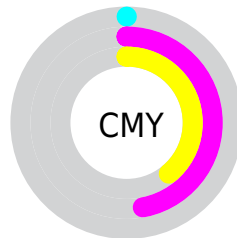


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9545, 0.4205, 0.3085 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 40.9545, 0.4205, 0.3085 by changing the saturation by 10% instead.


 40.9545, 0.4205,
0.3085

 40.9545, 0.4205,
0.3085


350.1304, 0.3651,
0.3203


 28.2835, 0.4347,
0.3051


 76.6148, 0.4001,
0.3131

 18.5395, 0.4530,
0.3004


 100.3730, 0.3925,
0.3148

 11.3380, 0.4776,
0.2938

 128.5956, 0.3861,
0.3161

 6.2947, 0.5121,
0.2837

161.6672, 0.3807,
0.3172

 3.0251, 0.5634,
0.2671

199.9720, 0.3760,
0.3182

 1.1448, 0.6541,
0.2400

243.8946, 0.3719,

 0.0159, 0.9871,

0.3190

0.0129

293.8193, 0.3683,
0.3197

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.9545, 0.4205,
0.3085

40.9545, 0.4205,
0.3085

34.0191, 0.4582,
0.3054

49.7206, 0.3884,
0.3126

28.7821, 0.5002,
0.3040

60.4328, 0.3618,
0.3172

25.0968, 0.5434,
0.3052

73.1996, 0.3403,
0.3217

22.7902, 0.5826,
0.3096

88.1206, 0.3229,
0.3261

■ 21.6426, 0.6125,
0.3166

100.0000, 0.3127,
0.3290

■ 21.4309, 0.6193,
0.3185

Harmonies

Analogous

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



40.9545, 0.3556, 0.2632



40.9545, 0.4205, 0.3085



40.9545, 0.4524, 0.3608

Triad

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



40.9545, 0.4205, 0.3085



40.9545, 0.3286, 0.4554



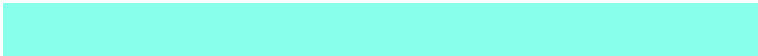
40.9545, 0.1959, 0.2329

Complementary

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



40.9545, 0.4205, 0.3085



82.6688, 0.2588, 0.3521

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.



40.9545, 0.1906, 0.2721



40.9545, 0.4205, 0.3085



40.9545, 0.2623, 0.4111

Square

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



40.9545, 0.4205, 0.3085



40.9545, 0.3941, 0.4510



40.9545, 0.2130, 0.3377



40.9545, 0.2276, 0.2207

Rectangle

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



40.9545, 0.4205, 0.3085



40.9545, 0.4492, 0.3958



40.9545, 0.2130, 0.3377



40.9545, 0.1911, 0.2428

Sweetspot

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



40.9552, 0.4205, 0.3085



77.5297, 0.3345, 0.3231



41.8720, 0.2990, 0.2076



15.9361, 0.3385, 0.3221



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.



40.9552, 0.4205, 0.3085



34.6703, 0.4540, 0.3056



52.8968, 0.4223, 0.3689



18.0365, 0.3268, 0.3251



11.2125, 0.6162, 0.3168



1.1049, 0.5882, 0.3014

Inverse Universe

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



40.9552, 0.4205, 0.3085



34.6703, 0.4540, 0.3056



61.9969, 0.2417, 0.2836



18.0365, 0.3268, 0.3251



11.2125, 0.6162, 0.3168



1.1049, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 40.9545, 0.4205, 0.3085 looks on a white background.

Color Contrast Check

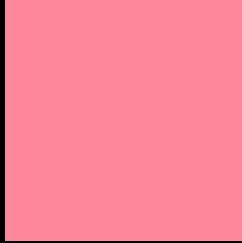
Large Text (above 18pt) WCAG AA × Fail

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 40.9545, 0.4205, 0.3085 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 40.9545, 0.4205, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 40.9545, 0.4205, 0.3085.

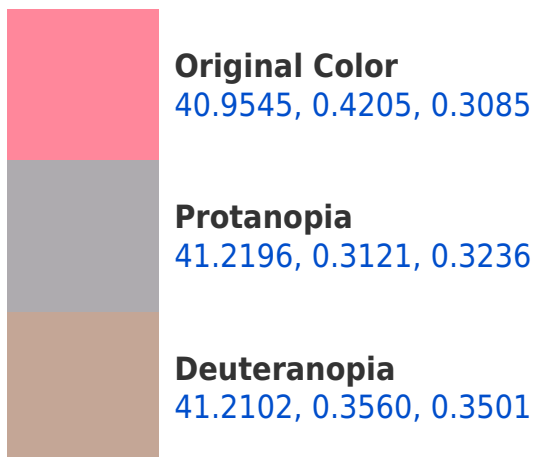


This preview shows how white text looks on a background with the Yxy color 40.9545, 0.4205, 0.3085.

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

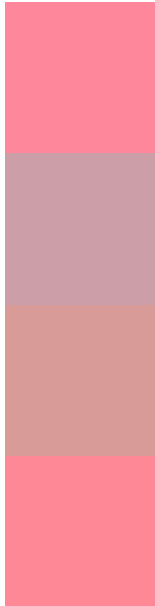




Tritanopia

40.7545, 0.4293, 0.3189

Trichromacy



Original Color

40.9545, 0.4205, 0.3085

Protanomaly

39.9774, 0.3476, 0.3164

Deuteranomaly

40.4614, 0.3785, 0.3329

Tritanomaly

40.8491, 0.4259, 0.3158

Monochromacy



Original Color

40.9545, 0.4205, 0.3085

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.2460, 0.3494, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9545, 0.4205, 0.3085 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, 135, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 155)  
}
```

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, 135, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.9545, 0.4205, 0.3085 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, 135, 155) }
```

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

```
.border{ border-color:rgb(255, 135, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9545, 0.4205, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 155) }
```

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

```
.background{ background-color: rgb(255,  
135, 155) }
```

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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