

Converting Colors

Yxy(34.9525, 0.4238, 0.2878)

Have a look what the booklet for
Yxy(34.9525, 0.4238, 0.2878)
contains.

Yxy(34.9520, 0.4237, 0.2877)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9520, 0.4237, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	FA739B
RGB	250, 115, 155
RGB Percent	98%, 45%, 61%
CMY	0.0196, 0.5490, 0.3920
CMYK	0.00, 0.54, 0.38, 0.02
HSL	342°, 93%, 72%
HSV	342°, 54%, 98%
XYZ	51.4743, 34.9520, 35.0613
YIQ	159.9250, 67.6200, 41.0600

Conversions

Conversions Part 2

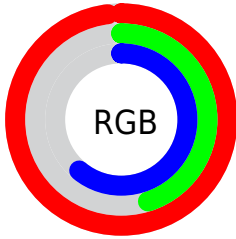
Format	Color
R_{YB}	250, 115, 155
Decimal	16413595
CIE _{Lab}	65.71, 55.35, 3.80
CIE _{LCh}	66, 55.482, 3.925
Yxy	34.9520, 0.4237, 0.2877
Android (android.graphics.Color)	4294603675 (0xFFFA739B)
YUV	159.9250, -2.4280, 78.9958
Hunter-Lab	59.1202, 51.9546, 6.2221

Details

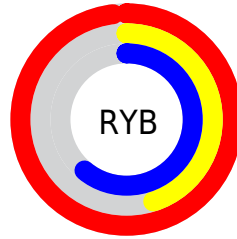
The Yxy color **34.9520, 0.4237, 0.2877** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76.6678, 0.2611, 0.3786**, and the grayscale version is **35.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9893, 0.3549, 0.2899**, and **15.0746, 0.4596, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **29.4559, 0.4575, 0.2830**, and if you desaturate by 10%, it is **42.0834, 0.3941, 0.2945**.

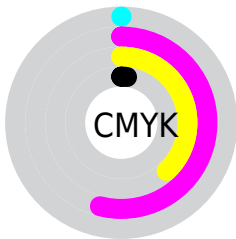
Distribution



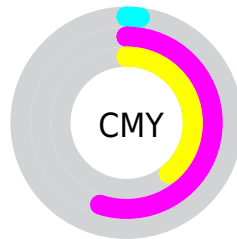
- Red (98%)
- Green (45%)
- Blue (61%)



- Red (98%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (54%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9520, 0.4237, 0.2877 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 34.9520, 0.4237, 0.2877 by changing the saturation by 10% instead.


 34.9520, 0.4237,
0.2877


 34.9520, 0.4237,
0.2877


324.3564, 0.3656,
0.3098

 23.6259, 0.4389,
0.2817


 67.4114, 0.4020,
0.2961

 15.0563, 0.4589,
0.2738


 89.3135, 0.3941,
0.2991

 8.8589, 0.4860,
0.2628


 115.5097, 0.3874,
0.3017

 4.6493, 0.5248,
0.2468

146.3844, 0.3817,
0.3038

 2.0430, 0.5840,
0.2216

182.3221, 0.3768,
0.3056

 0.6323, 0.7042,
0.1772

223.7070, 0.3726,

 0.0000, 1.0000,

0.3072

0.0000

270.9237, 0.3689,
0.3086

0.0000, 0.0000,
0.0000

34.9520, 0.4237,
0.2877

34.9520, 0.4237,
0.2877

29.4559, 0.4575,
0.2830

42.0834, 0.3941,
0.2945

25.4578, 0.4942,
0.2815

50.9619, 0.3690,
0.3023

22.8067, 0.5311,
0.2844

61.6957, 0.3483,
0.3105

21.3169, 0.5646,
0.2920

74.3829, 0.3313,
0.3185

20.8205, 0.5820,
0.2980

89.1143, 0.3175,
0.3261

99.0641, 0.3096,
0.3290

Harmonies

Analogous

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



34.9520, 0.3389, 0.2397



34.9520, 0.4237, 0.2877



34.9520, 0.4753, 0.3459

Triad

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



34.9520, 0.4237, 0.2877



34.9520, 0.3512, 0.4870



34.9520, 0.1715, 0.2238

Complementary

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



34.9520, 0.4237, 0.2877



76.6678, 0.2611, 0.3786

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.



34.9520, 0.1734, 0.2777



34.9520, 0.4237, 0.2877



34.9520, 0.2713, 0.4511

Square

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



34.9520, 0.4237, 0.2877



34.9520, 0.4252, 0.4622



34.9520, 0.2071, 0.3639



34.9520, 0.1993, 0.2031

Rectangle

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



34.9520, 0.4237, 0.2877



34.9520, 0.4798, 0.3868



34.9520, 0.2071, 0.3639



34.9520, 0.1688, 0.2378

Sweetspot

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



34.9538, 0.4237, 0.2877



74.9620, 0.3344, 0.3169



32.7924, 0.2819, 0.1855



15.4416, 0.3378, 0.3153



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.



34.9538, 0.4237, 0.2877



30.2933, 0.4614, 0.2826



40.9083, 0.4560, 0.3574



17.3099, 0.3247, 0.3220



11.0657, 0.5778, 0.2957



1.0426, 0.5442, 0.2771

Inverse Universe

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



34.9538, 0.4237, 0.2877



30.2933, 0.4614, 0.2826



63.3229, 0.2369, 0.2959



17.3099, 0.3247, 0.3220



11.0657, 0.5778, 0.2957



1.0426, 0.5442, 0.2771

Previews

White Background



This preview shows how the Yxy color 34.9520, 0.4237, 0.2877 looks on a white background.

Color Contrast Check

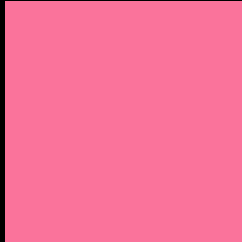
Large Text (above 18pt) WCAG AA × Fail

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 34.9520, 0.4237, 0.2877 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 34.9520, 0.4237, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 34.9520, 0.4237, 0.2877.

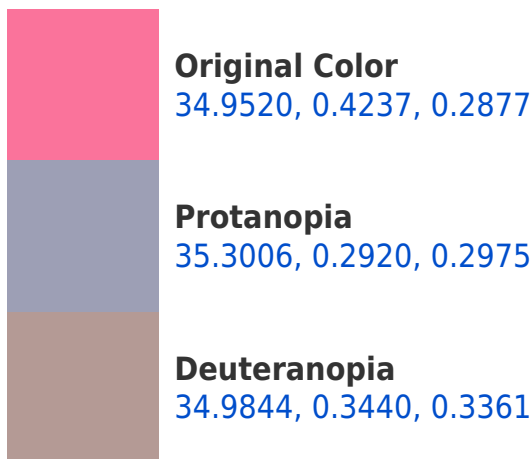


This preview shows how white text looks on a background with the Yxy color 34.9520, 0.4237, 0.2877.

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

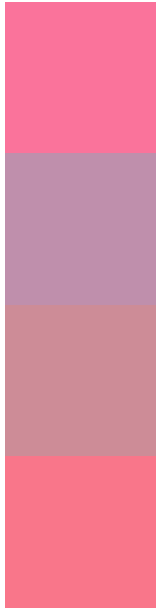




Tritanopia

34.9479, 0.4532, 0.3211

Trichromacy



Original Color

34.9520, 0.4237, 0.2877

Protanomaly

33.6998, 0.3342, 0.2907

Deuteranomaly

33.9697, 0.3723, 0.3150

Tritanomaly

34.9316, 0.4428, 0.3086

Monochromacy



Original Color

34.9520, 0.4237, 0.2877

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.7526, 0.3507, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9520, 0.4237, 0.2877 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(250, 115, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 115, 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(250, 115, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 115, 155) }
```

Border

The CSS property to change the border of an element to Yxy 34.9520, 0.4237, 0.2877 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(250, 115, 155) }
```

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

```
.border{ border-color:rgb(250, 115, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 115, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 115, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 115, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 115,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9520, 0.4237, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 115, 155) }
```

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

```
.background{ background-color: rgb(250,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor