

Converting Colors

$Y_{xy}(35.3486, 0.4119, 0.2875)$

Have a look what the booklet for
Yxy(35.3486, 0.4119, 0.2875)
contains.

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Color

Yxy(35.3486, 0.4119, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	F5789F
RGB	245, 120, 159
RGB Percent	96%, 47%, 62%
CMY	0.0390, 0.5295, 0.3764
CMYK	0.00, 0.51, 0.35, 0.04
HSL	341°, 86%, 72%
HSV	341°, 51%, 96%
XYZ	50.6438, 35.3486, 36.9593
YIQ	161.8210, 61.9810, 38.6290

Conversions

Conversions Part 2

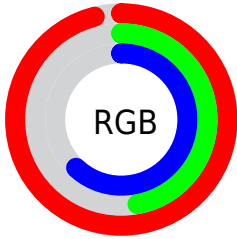
Format	Color
R_{YB}	245, 120, 159
Decimal	16087199
CIE _{Lab}	66.02, 51.82, 1.90
CIE _{LCh}	66, 51.856, 2.098
Yxy	35.3486, 0.4119, 0.2875
Android (android.graphics.Color)	4294277279 (0xFFFF5789F)
YUV	161.8210, -1.3908, 72.9480
Hunter-Lab	59.4547, 48.0014, 4.7614

Details

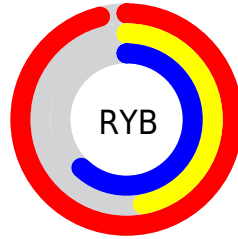
The Yxy color **35.3486, 0.4119, 0.2875** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.7814, 0.2640, 0.3779**, and the grayscale version is **36.0263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7750, 0.3498, 0.2890**, and **15.2934, 0.4420, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **29.6472, 0.4437, 0.2817**, and if you desaturate by 10%, it is **42.6411, 0.3844, 0.2951**.

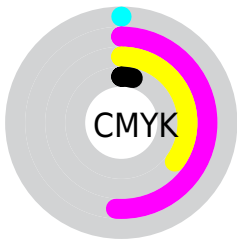
Distribution



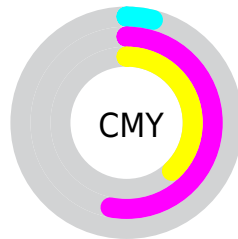
- Red (96%)
- Green (47%)
- Blue (62%)



- Red (96%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3486, 0.4119, 0.2875 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 35.3486, 0.4119, 0.2875 by changing the saturation by 10% instead.


 35.3486, 0.4119,
0.2875


 35.3486, 0.4119,
0.2875


326.1044, 0.3601,
0.3094


 23.9315, 0.4255,
0.2817


 68.0255, 0.3926,
0.2957

 15.2828, 0.4432,
0.2740


 90.0540, 0.3855,
0.2987

 9.0181, 0.4674,
0.2635


 116.3886, 0.3796,
0.3012

 4.7530, 0.5021,
0.2483

147.4134, 0.3745,
0.3034

 2.1031, 0.5554,
0.2245

183.5131, 0.3702,
0.3052

 0.6664, 0.6561,
0.1820

225.0718, 0.3664,

 0.0000, 1.0000,

0.3068

0.0000

272.4741, 0.3631,
0.3082

■ 0.0000, 0.0000,
0.0000

■ 35.3486, 0.4119,
0.2875

■ 35.3486, 0.4119,
0.2875

■ 29.6472, 0.4437,
0.2817

■ 42.6411, 0.3844,
0.2951

■ 25.4109, 0.4788,
0.2787

■ 51.6273, 0.3613,
0.3035

■ 22.5030, 0.5151,
0.2800


■ 62.4077, 0.3422,
0.3121

■ 20.7586, 0.5495,
0.2861

■ 75.0732, 0.3266,
0.3204

■ 19.9497, 0.5763,
0.2948

■ 89.7085, 0.3139,
0.3282

 98.1611, 0.3066,
0.3290

Harmonies

Analogous

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



35.3486, 0.3325, 0.2427



35.3486, 0.4119, 0.2875



35.3486, 0.4627, 0.3426

Triad

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



35.3486, 0.4119, 0.2875



35.3486, 0.3545, 0.4758



35.3486, 0.1788, 0.2328

Complementary

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



35.3486, 0.4119, 0.2875



73.7814, 0.2640, 0.3779

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.



35.3486, 0.1826, 0.2861



35.3486, 0.4119, 0.2875



35.3486, 0.2791, 0.4453

Square

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



35.3486, 0.4119, 0.2875



35.3486, 0.4228, 0.4521



35.3486, 0.2169, 0.3671



35.3486, 0.2036, 0.2108

Rectangle

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



35.3486, 0.4119, 0.2875



35.3486, 0.4696, 0.3814



35.3486, 0.2169, 0.3671



35.3486, 0.1768, 0.2469

Sweetspot

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



35.3504, 0.4119, 0.2875



76.3967, 0.3324, 0.3171



33.0630, 0.2823, 0.1924



15.7257, 0.3357, 0.3154



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.



35.3504, 0.4119, 0.2875



32.4074, 0.4440, 0.2816



40.3916, 0.4457, 0.3539



16.5677, 0.3244, 0.3216



10.7644, 0.5720, 0.2925



0.9638, 0.5367, 0.2730

Inverse Universe

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



35.3504, 0.4119, 0.2875



32.4074, 0.4440, 0.2816



62.8912, 0.2409, 0.3007



16.5677, 0.3244, 0.3216



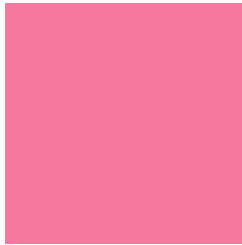
10.7644, 0.5720, 0.2925



0.9638, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 35.3486, 0.4119, 0.2875 looks on a white background.

Color Contrast Check

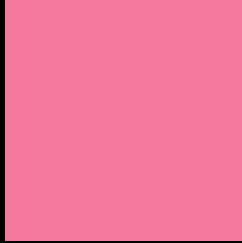
Large Text (above 18pt) WCAG AA × Fail

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 35.3486, 0.4119, 0.2875 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 35.3486, 0.4119, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 35.3486, 0.4119, 0.2875.



This preview shows how white text looks on a background with the Yxy color 35.3486, 0.4119, 0.2875.

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

35.3486, 0.4119, 0.2875

Protanopia

35.7286, 0.2904, 0.2963

Deuteranopia

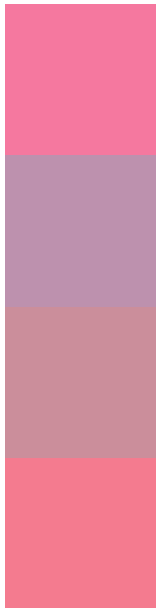
35.3263, 0.3388, 0.3319



Tritanopia

35.4431, 0.4383, 0.3197

Trichromacy



Original Color

35.3486, 0.4119, 0.2875

Protanomaly

34.1256, 0.3299, 0.2905

Deuteranomaly

34.4091, 0.3651, 0.3124

Tritanomaly

35.3822, 0.4293, 0.3078

Monochromacy



Original Color

35.3486, 0.4119, 0.2875

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.6471, 0.3459, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3486, 0.4119, 0.2875 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(245, 120, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 159)  
}
```

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(245, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.3486, 0.4119, 0.2875 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(245, 120, 159) }
```

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

```
.border{ border-color:rgb(245, 120, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3486, 0.4119, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 159) }
```

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

```
.background{ background-color: rgb(245,  
120, 159) }
```

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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