

Converting Colors

$Yxy(41.4934, 0.3809, 0.2955)$

Have a look what the booklet for
Yxy(41.4934, 0.3809, 0.2955)
contains.

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Color

Yxy(41.5278, 0.3816, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	F090AE
RGB	240, 144, 174
RGB Percent	94%, 56%, 68%
CMY	0.0590, 0.4352, 0.3177
CMYK	0.00, 0.40, 0.27, 0.06
HSL	341°, 76%, 75%
HSV	341°, 40%, 94%
XYZ	53.5372, 41.5278, 45.2316
YIQ	176.1240, 47.5860, 29.6820

Conversions

Conversions Part 2

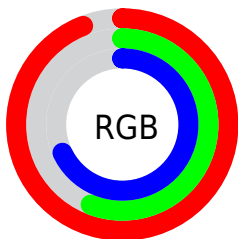
Format	Color
R _Y B	240, 144, 174
Decimal	15765678
CIE Lab	70.54, 39.89, -0.02
CIE LCh	71, 39.894, 359.976
Yxy	41.5278, 0.3816, 0.2960
Android (android.graphics.Color)	4293955758 (0xFFFF090AE)
YUV	176.1240, -1.0471, 56.0193
Hunter-Lab	64.4421, 35.5206, 3.4940

Details

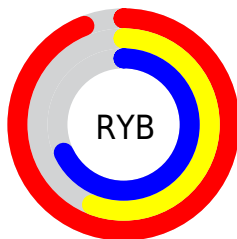
The Yxy color **41.5278, 0.3816, 0.2960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **72.8819, 0.2723, 0.3656**, and the grayscale version is **43.4731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7640, 0.3343, 0.2988**, and **18.8324, 0.4020, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **34.4106, 0.4086, 0.2883**, and if you desaturate by 10%, it is **50.2728, 0.3590, 0.3045**.

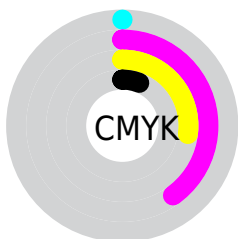
Distribution



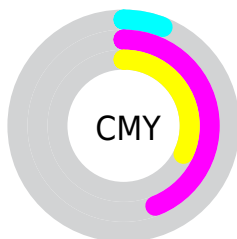
- Red (94%)
- Green (56%)
- Blue (68%)



- Red (94%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (6%)




- Cyan (6%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5278, 0.3816, 0.2960 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 41.5278, 0.3816, 0.2960 by changing the saturation by 10% instead.


 41.5278, 0.3816,
0.2960

 41.5278, 0.3816,
0.2960


352.5217, 0.3466,
0.3128

 28.7317, 0.3905,
0.2917


 77.4845, 0.3687,
0.3022

 18.8780, 0.4020,
0.2862


 101.4139, 0.3639,
0.3045

 11.5821, 0.4175,
0.2788


129.8231, 0.3599,
0.3064

 6.4598, 0.4394,
0.2683

163.0967, 0.3565,
0.3081

 3.1266, 0.4724,
0.2525

201.6189, 0.3535,
0.3095

 1.1982, 0.5273,
0.2262

245.7743, 0.3509,

 0.0602, 0.8917,

0.3107

0.0514

295.9471, 0.3486,
0.3118

0.0000, 0.0000,
0.0000

41.5278, 0.3816,
0.2960

41.5278, 0.3816,
0.2960

34.4106, 0.4086,
0.2883

50.2728, 0.3590,
0.3045

28.8138, 0.4398,
0.2822

60.7325, 0.3403,
0.3130

24.6260, 0.4746,
0.2789

72.9944, 0.3251,
0.3212

21.7183, 0.5109,
0.2796

87.1386, 0.3127,
0.3290

19.9372, 0.5456,
0.2851

97.2582, 0.3035,
0.3290

■ 19.0271, 0.5759,
0.2946

■ 19.0253, 0.5759,
0.2946

Harmonies

Analogous

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



41.5278, 0.3240, 0.2613



41.5278, 0.3816, 0.2960



41.5278, 0.4206, 0.3392

Triad

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



41.5278, 0.3816, 0.2960



41.5278, 0.3505, 0.4348



41.5278, 0.2099, 0.2605

Complementary

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



41.5278, 0.3816, 0.2960



72.8819, 0.2723, 0.3656

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.



41.5278, 0.2154, 0.3034



41.5278, 0.3816, 0.2960



41.5278, 0.2937, 0.4136

Square

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



41.5278, 0.3816, 0.2960



41.5278, 0.3996, 0.4204



41.5278, 0.2448, 0.3616



41.5278, 0.2281, 0.2400

Rectangle

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



41.5278, 0.3816, 0.2960



41.5278, 0.4285, 0.3693



41.5278, 0.2448, 0.3616



41.5278, 0.2091, 0.2724

Sweetspot

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



41.5298, 0.3816, 0.2960



80.7245, 0.3280, 0.3196



39.8854, 0.2907, 0.2223



16.8700, 0.3299, 0.3185



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.



41.5298, 0.3816, 0.2960



40.8593, 0.4033, 0.2896



46.2392, 0.4060, 0.3489



15.8402, 0.3244, 0.3216



10.4398, 0.5718, 0.2923



0.8858, 0.5345, 0.2718

Inverse Universe

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



41.5298, 0.3816, 0.2960



40.8593, 0.4033, 0.2896



64.6619, 0.2543, 0.3076



15.8402, 0.3244, 0.3216



10.4398, 0.5718, 0.2923



0.8858, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 41.5278, 0.3816, 0.2960 looks on a white background.

Color Contrast Check

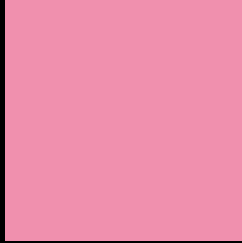
Large Text (above 18pt) WCAG AA × Fail

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 41.5278, 0.3816, 0.2960 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 41.5278, 0.3816, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 41.5278, 0.3816, 0.2960.

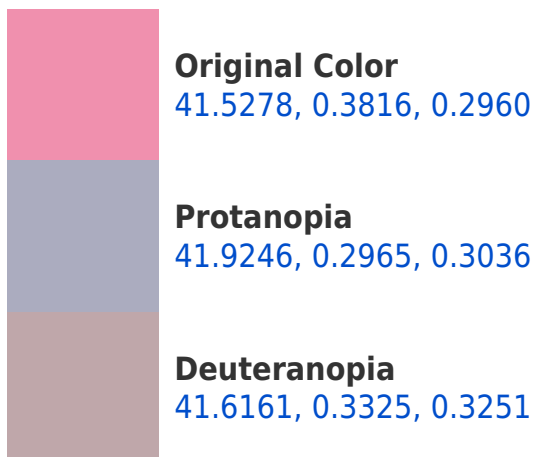


This preview shows how white text looks on a background with the Yxy color 41.5278, 0.3816, 0.2960.

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

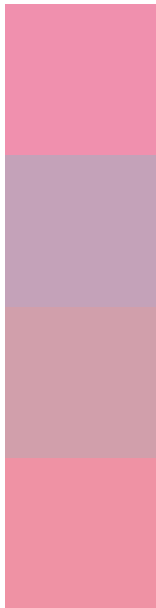




Tritanopia

41.5132, 0.3959, 0.3169

Trichromacy



Original Color

41.5278, 0.3816, 0.2960

Protanomaly

41.0792, 0.3244, 0.2998

Deuteranomaly

41.2919, 0.3504, 0.3142

Tritanomaly

41.5888, 0.3908, 0.3091

Monochromacy



Original Color

41.5278, 0.3816, 0.2960

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

41.7882, 0.3360, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5278, 0.3816, 0.2960 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(240, 144, 174)` looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 174)  
}
```

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(240, 144, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.5278, 0.3816, 0.2960 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(240, 144, 174) }
```

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

```
.border{ border-color:rgb(240, 144, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 144, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 174);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5278, 0.3816, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 174) }
```

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

```
.background{ background-color: rgb(240,  
144, 174) }
```

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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