

Converting Colors

$Yxy(41.7119, 0.3767, 0.3011)$

Have a look what the booklet for
Yxy(41.7119, 0.3767, 0.3011)
contains.

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Color

Yxy(41.8591, 0.3766, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	EB94AD
RGB	235, 148, 173
RGB Percent	92%, 58%, 68%
CMY	0.0785, 0.4195, 0.3215
CMYK	0.00, 0.37, 0.26, 0.08
HSL	343°, 68%, 75%
HSV	343°, 37%, 92%
XYZ	52.3900, 41.8591, 44.8639
YIQ	176.8630, 43.8270, 26.2190

Conversions

Conversions Part 2

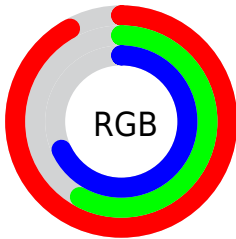
Format	Color
R _Y B	235, 148, 173
Decimal	15439021
CIE Lab	70.77, 35.93, 0.78
CIE LCh	71, 35.943, 1.251
Yxy	41.8591, 0.3766, 0.3009
Android (android.graphics.Color)	4293629101 (0xFFEB94AD)
YUV	176.8630, -1.9045, 50.9861
Hunter-Lab	64.6986, 31.3185, 4.1756

Details

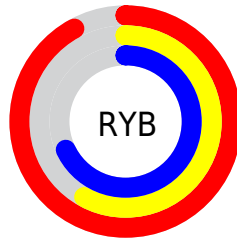
The Yxy color **41.8591, 0.3766, 0.3009** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.3535, 0.2737, 0.3597**, and the grayscale version is **43.8857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5733, 0.3345, 0.3039**, and **19.0933, 0.3947, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **34.6137, 0.4033, 0.2935**, and if you desaturate by 10%, it is **50.6859, 0.3544, 0.3088**.

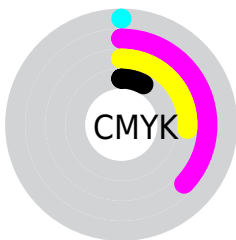
Distribution



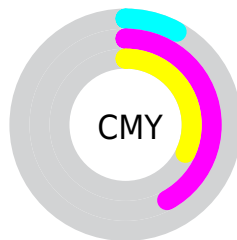
- Red (92%)
- Green (58%)
- Blue (68%)



- Red (92%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8591, 0.3766, 0.3009 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 41.8591, 0.3766, 0.3009 by changing the saturation by 10% instead.


 41.8591, 0.3766,
0.3009

 41.8591, 0.3766,
0.3009

353.8985, 0.3441,
0.3153

 28.9910, 0.3849,
0.2972


 77.9863, 0.3647,
0.3062

 19.0740, 0.3956,
0.2924


 102.0142, 0.3602,
0.3082

 11.7238, 0.4100,
0.2860


130.5309, 0.3565,
0.3098

 6.5559, 0.4304,
0.2769

163.9206, 0.3533,
0.3112

 3.1859, 0.4613,
0.2629

202.5678, 0.3505,
0.3124

 1.2296, 0.5131,
0.2394

246.8570, 0.3481,

 0.0856, 0.8860,

0.3135

0.0787

297.1724, 0.3460,
0.3144

0.0000, 0.0000,
0.0000

41.8591, 0.3766,
0.3009

41.8591, 0.3766,
0.3009

34.6137, 0.4033,
0.2935

50.6859, 0.3544,
0.3088

28.8496, 0.4345,
0.2875

61.1744, 0.3362,
0.3166

24.4646, 0.4697,
0.2837

73.4066, 0.3214,
0.3240

21.3409, 0.5072,
0.2835

87.4572, 0.3094,
0.3310

19.3405, 0.5437,
0.2877

96.3985, 0.3005,
0.3290

■ 18.2865, 0.5757,
0.2964

■ 18.0706, 0.5843,
0.2993

Harmonies

Analogous

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



41.8591, 0.3254, 0.2686



41.8591, 0.3766, 0.3009



41.8591, 0.4104, 0.3407

Triad

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



41.8591, 0.3766, 0.3009



41.8591, 0.3452, 0.4234



41.8591, 0.2195, 0.2662

Complementary

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



41.8591, 0.3766, 0.3009



70.3535, 0.2737, 0.3597

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.



41.8591, 0.2238, 0.3045



41.8591, 0.3766, 0.3009



41.8591, 0.2939, 0.4027

Square

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



41.8591, 0.3766, 0.3009



41.8591, 0.3899, 0.4129



41.8591, 0.2500, 0.3561



41.8591, 0.2371, 0.2479

Rectangle

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



41.8591, 0.3766, 0.3009



41.8591, 0.4168, 0.3681



41.8591, 0.2500, 0.3561



41.8591, 0.2185, 0.2769

Sweetspot

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



41.8611, 0.3766, 0.3009



82.1699, 0.3270, 0.3211



40.7207, 0.2941, 0.2310



17.1568, 0.3290, 0.3201



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.



41.8611, 0.3766, 0.3009



43.9425, 0.3953, 0.2955



46.8548, 0.3957, 0.3490



15.1253, 0.3248, 0.3222



10.0783, 0.5803, 0.2970



0.8075, 0.5409, 0.2753

Inverse Universe

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



41.8611, 0.3766, 0.3009



43.9425, 0.3953, 0.2955



62.2226, 0.2580, 0.3077



15.1253, 0.3248, 0.3222



10.0783, 0.5803, 0.2970



0.8075, 0.5409, 0.2753

Previews

White Background



This preview shows how the Yxy color 41.8591, 0.3766, 0.3009 looks on a white background.

Color Contrast Check

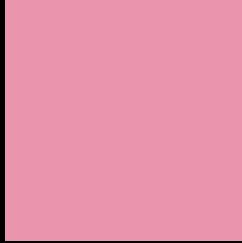
Large Text (above 18pt) WCAG AA × Fail

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 41.8591, 0.3766, 0.3009 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 41.8591, 0.3766, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 41.8591, 0.3766, 0.3009.



This preview shows how white text looks on a background with the Yxy color 41.8591, 0.3766, 0.3009.

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

41.8591, 0.3766, 0.3009

Protanopia

41.9771, 0.3014, 0.3089

Deuteranopia

42.0763, 0.3342, 0.3278



Tritanopia

41.8783, 0.3877, 0.3167

Trichromacy



Original Color

41.8591, 0.3766, 0.3009

Protanomaly

41.3075, 0.3270, 0.3048

Deuteranomaly

41.8019, 0.3499, 0.3179

Tritanomaly

41.7039, 0.3838, 0.3110

Monochromacy



Original Color

41.8591, 0.3766, 0.3009

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.4128, 0.3339, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8591, 0.3766, 0.3009 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(235, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 148, 173)  
}
```

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(235, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 148, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.8591, 0.3766, 0.3009 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(235, 148, 173) }
```

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

```
.border{ border-color:rgb(235, 148, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 148, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 148, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 148, 173); box-shadow:4px 4px 4px 4px rgb(235, 148, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8591, 0.3766, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 148, 173) }
```

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

```
.background{ background-color: rgb(235,  
148, 173) }
```

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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