

Converting Colors

$Y_{xy}(41.5046, 0.3587, 0.2798)$

Have a look what the booklet for
Yxy(41.5046, 0.3587, 0.2798)
contains.

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Color

Yxy(41.4173, 0.3598, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	EA91BD
RGB	234, 145, 189
RGB Percent	92%, 57%, 74%
CMY	0.0823, 0.4313, 0.2589
CMYK	0.00, 0.38, 0.19, 0.08
HSL	330°, 68%, 74%
HSV	330°, 38%, 92%
XYZ	53.2402, 41.4173, 53.3142
YIQ	176.6270, 38.9200, 32.5520

Conversions

Conversions Part 2

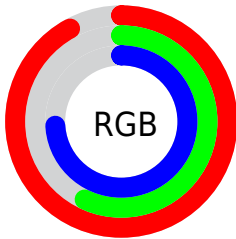
Format	Color
RYB	234, 145, 189
Decimal	15372733
CIELab	70.47, 39.46, -8.56
CIELCh	70, 40.377, 347.767
Yxy	41.4173, 0.3598, 0.2799
Android (android.graphics.Color)	4293562813 (0xFFEA91BD)
YUV	176.6270, 6.0999, 50.3161
Hunter-Lab	64.3563, 35.0449, -4.0678

Details

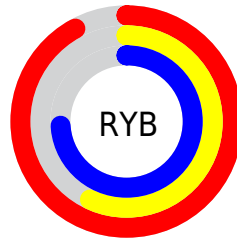
The Yxy color **41.4173, 0.3598, 0.2799** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.5876, 0.2827, 0.3847**, and the grayscale version is **43.7136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1611, 0.3223, 0.2844**, and **18.9534, 0.3731, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **34.4955, 0.3781, 0.2673**, and if you desaturate by 10%, it is **49.8577, 0.3442, 0.2932**.

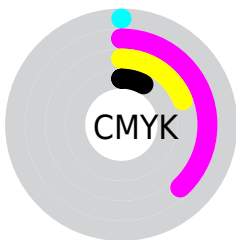
Distribution



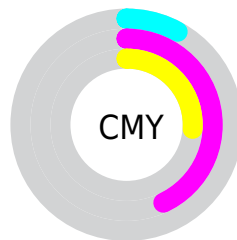
- Red (92%)
- Green (57%)
- Blue (74%)



- Red (92%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4173, 0.3598, 0.2799 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 41.4173, 0.3598, 0.2799 by changing the saturation by 10% instead.


 41.4173, 0.3598,
0.2799

 41.4173, 0.3598,
0.2799


352.0617, 0.3363,
0.3040

 28.6453, 0.3657,
0.2740


 77.3170, 0.3513,
0.2885

 18.8127, 0.3732,
0.2666


 101.2134, 0.3481,
0.2918

 11.5350, 0.3831,
0.2568


129.5868, 0.3453,
0.2946

 6.4279, 0.3970,
0.2435

162.8215, 0.3430,
0.2970

 3.1070, 0.4175,
0.2243

201.3020, 0.3410,
0.2991

 1.1878, 0.4508,
0.1945

245.4126, 0.3392,

 0.0517, 0.5919,

0.3009

0.0299

295.5377, 0.3377,
0.3026

0.0000, 0.0000,
0.0000

41.4173, 0.3598,
0.2799

41.4173, 0.3598,
0.2799

34.4955, 0.3781,
0.2673

49.8577, 0.3442,
0.2932

28.9944, 0.3992,
0.2564

59.8951, 0.3310,
0.3064

24.8137, 0.4225,
0.2483

71.6094, 0.3201,
0.3192

21.8375, 0.4474,
0.2444

85.0735, 0.3111,
0.3313

19.9292, 0.4727,
0.2456

95.8012, 0.3037,
0.3357

■ 18.8991, 0.4970,
0.2522

■ 96.2330, 0.2999,
0.3290

■ 18.7444, 0.5017,
0.2538

Harmonies

Analogous

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



41.4173, 0.2998, 0.2502



41.4173, 0.3598, 0.2799



41.4173, 0.4094, 0.3209

Triad

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



41.4173, 0.3598, 0.2799



41.4173, 0.3729, 0.4340



41.4173, 0.2080, 0.2746

Complementary

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



41.4173, 0.3598, 0.2799



68.5876, 0.2827, 0.3847

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.



41.4173, 0.2235, 0.3260



41.4173, 0.3598, 0.2799



41.4173, 0.3167, 0.4282

Square

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



41.4173, 0.3598, 0.2799



41.4173, 0.4152, 0.4081



41.4173, 0.2622, 0.3859



41.4173, 0.2168, 0.2446

Rectangle

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



41.4173, 0.3598, 0.2799



41.4173, 0.4270, 0.3511



41.4173, 0.2622, 0.3859



41.4173, 0.2105, 0.2897

Sweetspot

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



41.4192, 0.3598, 0.2799



82.5101, 0.3232, 0.3154



37.0778, 0.2781, 0.2237



17.2376, 0.3246, 0.3137



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.



41.4192, 0.3598, 0.2799



43.3202, 0.3746, 0.2695



39.7911, 0.4069, 0.3293



15.1781, 0.3215, 0.3174



10.5584, 0.4982, 0.2518



0.8485, 0.4670, 0.2346

Inverse Universe

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



41.4192, 0.3598, 0.2799



43.3202, 0.3746, 0.2695



70.8088, 0.2599, 0.3288



15.1781, 0.3215, 0.3174



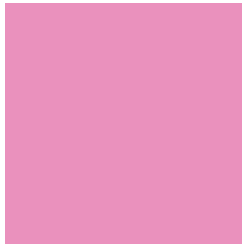
10.5584, 0.4982, 0.2518



0.8485, 0.4670, 0.2346

Previews

White Background



This preview shows how the Yxy color 41.4173, 0.3598, 0.2799 looks on a white background.

Color Contrast Check

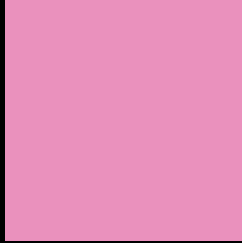
Large Text (above 18pt) WCAG AA × Fail

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 41.4173, 0.3598, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

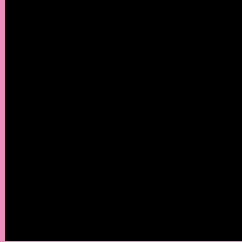
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4173, 0.3598, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 41.4173, 0.3598, 0.2799.



This preview shows how white text looks on a background with the Yxy color 41.4173, 0.3598, 0.2799.

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

41.4173, 0.3598, 0.2799

Protanopia

41.6890, 0.2811, 0.2829

Deuteranopia

41.6984, 0.3129, 0.3068



Tritanopia

41.3748, 0.3847, 0.3165

Trichromacy



Original Color

41.4173, 0.3598, 0.2799

Protanomaly

41.0872, 0.3068, 0.2812

Deuteranomaly

41.2433, 0.3293, 0.2966

Tritanomaly

41.2759, 0.3758, 0.3029

Monochromacy



Original Color

41.4173, 0.3598, 0.2799

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.2522, 0.3295, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4173, 0.3598, 0.2799 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(234, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(234, 145, 189)  
}
```

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(234, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 145, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.4173, 0.3598, 0.2799 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(234, 145, 189) }
```

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

```
.border{ border-color:rgb(234, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(234, 145,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4173, 0.3598, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 145, 189) }
```

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

```
.background{ background-color: rgb(234,  
145, 189) }
```

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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