

Converting Colors

$Y_{xy}(40.6715, 0.3610, 0.2908)$

Have a look what the booklet for
Yxy(40.6715, 0.3610, 0.2908)
contains.

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Color

Yxy(40.5345, 0.3607, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	E393B5
RGB	227, 147, 181
RGB Percent	89%, 58%, 71%
CMY	0.1098, 0.4235, 0.2902
CMYK	0.00, 0.35, 0.20, 0.11
HSL	334°, 59%, 73%
HSV	334°, 35%, 89%
XYZ	50.4513, 40.5345, 48.8848
YIQ	174.7960, 36.7660, 27.5340

Conversions

Conversions Part 2

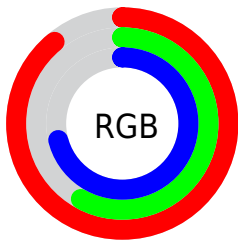
Format	Color
R _Y B	227, 147, 181
Decimal	14914485
CIE Lab	69.85, 34.80, -5.13
CIE LCh	70, 35.177, 351.615
Yxy	40.5345, 0.3607, 0.2898
Android (android.graphics.Color)	4293104565 (0xFFE393B5)
YUV	174.7960, 3.0586, 45.7829
Hunter-Lab	63.6667, 30.0318, -0.9575

Details

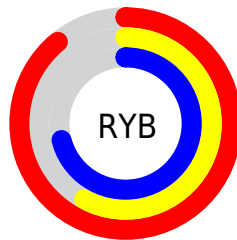
The Yxy color $40.5345, 0.3607, 0.2898$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $64.9876, 0.2815, 0.3724$, and the grayscale version is $42.7298, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.6155, 0.3280, 0.2941$, and $18.2890, 0.3750, 0.2792$ is the 20% darker color. If you saturate the color by 10%, you get $33.6483, 0.3809, 0.2787$, and if you desaturate by 10%, it is $48.8675, 0.3437, 0.3013$.

Distribution



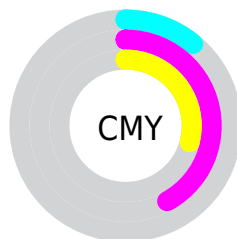
- Red (89%)
- Green (58%)
- Blue (71%)



- Red (89%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5345, 0.3607, 0.2898 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 40.5345, 0.3607, 0.2898 by changing the saturation by 10% instead.


 40.5345, 0.3607,
0.2898


 40.5345, 0.3607,
0.2898


348.3713, 0.3364,
0.3094

 27.9555, 0.3668,
0.2849


 75.9767, 0.3518,
0.2969

 18.2921, 0.3748,
0.2787


 99.6088, 0.3485,
0.2996

 11.1599, 0.3854,
0.2705


127.6940, 0.3457,
0.3018

 6.1745, 0.4005,
0.2590

160.6168, 0.3433,
0.3038

 2.9515, 0.4232,
0.2421

198.7615, 0.3412,
0.3054

 1.1065, 0.4612,
0.2147

242.5126, 0.3394,

 0.0000, 0.7101,

0.3069

0.0000

292.2544, 0.3378,
0.3082

■ 0.0000, 0.0000,
0.0000

■ 40.5345, 0.3607,
0.2898

■ 40.5345, 0.3607,
0.2898

■ 33.6483, 0.3809,
0.2787

■ 48.8675, 0.3437,
0.3013

■ 28.1195, 0.4044,
0.2689

■ 58.7184, 0.3296,
0.3127

■ 23.8575, 0.4310,
0.2614

■ 70.1606, 0.3180,
0.3236

■ 20.7584, 0.4599,
0.2577

■ 83.2609, 0.3084,
0.3338

■ 18.7013, 0.4895,
0.2588

■ 94.5194, 0.3006,
0.3378

■ 17.5381, 0.5178,
0.2653

■ 95.0696, 0.2958,
0.3290

■ 17.1832, 0.5307,
0.2697

Harmonies

Analogous

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



40.5345, 0.3083, 0.2615



40.5345, 0.3607, 0.2898



40.5345, 0.4014, 0.3276

Triad

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



40.5345, 0.3607, 0.2898



40.5345, 0.3605, 0.4221



40.5345, 0.2194, 0.2770

Complementary

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



40.5345, 0.3607, 0.2898



64.9876, 0.2815, 0.3724

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.



40.5345, 0.2307, 0.3204



40.5345, 0.3607, 0.2898



40.5345, 0.3103, 0.4119

Square

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



40.5345, 0.3607, 0.2898



40.5345, 0.3998, 0.4036



40.5345, 0.2631, 0.3723



40.5345, 0.2300, 0.2523

Rectangle

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



40.5345, 0.3607, 0.2898



40.5345, 0.4144, 0.3548



40.5345, 0.2631, 0.3723



40.5345, 0.2207, 0.2897

Sweetspot

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



40.5364, 0.3607, 0.2898



82.3953, 0.3245, 0.3173



37.6658, 0.2859, 0.2335



17.2103, 0.3261, 0.3158



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.



40.5364, 0.3607, 0.2898



46.2777, 0.3746, 0.2819



41.0039, 0.3946, 0.3355



14.4692, 0.3226, 0.3190



10.0443, 0.5269, 0.2676



0.7605, 0.4896, 0.2471

Inverse Universe

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



40.5364, 0.3607, 0.2898



46.2777, 0.3746, 0.2819



63.8115, 0.2623, 0.3223



14.4692, 0.3226, 0.3190



10.0443, 0.5269, 0.2676



0.7605, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 40.5345, 0.3607, 0.2898 looks on a white background.

Color Contrast Check

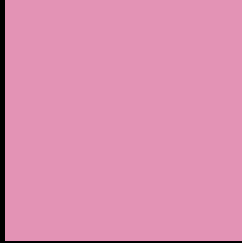
Large Text (above 18pt) WCAG AA × Fail

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 40.5345, 0.3607, 0.2898 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 40.5345, 0.3607, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 40.5345, 0.3607, 0.2898.



This preview shows how white text looks on a background with the Yxy color 40.5345, 0.3607, 0.2898.

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

40.5345, 0.3607, 0.2898

Protanopia

40.9051, 0.2900, 0.2954

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

40.4289, 0.3777, 0.3150

Trichromacy



Original Color

40.5345, 0.3607, 0.2898

Protanomaly

40.3772, 0.3135, 0.2930

Deuteranomaly

40.3303, 0.3340, 0.3037

Tritanomaly

40.5282, 0.3717, 0.3057

Monochromacy



Original Color

40.5345, 0.3607, 0.2898

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.5539, 0.3293, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5345, 0.3607, 0.2898 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(227, 147, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 147, 181)  
}
```

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(227, 147, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 147, 181) }
```

Border

The CSS property to change the border of an element to Yxy 40.5345, 0.3607, 0.2898 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(227, 147, 181) }
```

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

```
.border{ border-color:rgb(227, 147, 181) }
```

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

Here you see how a box with a 4 pixel rgb(227, 147, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 147, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 147, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 147,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5345, 0.3607, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 147, 181) }
```

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

```
.background{ background-color: rgb(227,  
147, 181) }
```

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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