

Converting Colors

$Y_{xy}(40.0518, 0.3820, 0.3106)$

Have a look what the booklet for
Yxy(40.0518, 0.3820, 0.3106)
contains.

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Color

Yxy(40.1698, 0.3816, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	E593A3
RGB	229, 147, 163
RGB Percent	90%, 58%, 64%
CMY	0.1021, 0.4235, 0.3607
CMYK	0.00, 0.36, 0.29, 0.10
HSL	348°, 61%, 74%
HSV	348°, 36%, 90%
XYZ	49.3522, 40.1698, 39.8077
YIQ	173.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

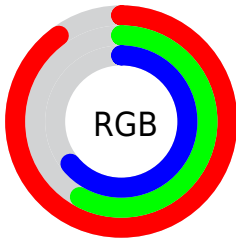
Format	Color
R _Y B	229, 147, 163
Decimal	15045539
CIE Lab	69.59, 32.95, 4.56
CIE LCh	70, 33.267, 7.878
Yxy	40.1698, 0.3816, 0.3106
Android (android.graphics.Color)	4293235619 (0xFFE593A3)
YUV	173.3420, -5.0986, 48.8121
Hunter-Lab	63.3796, 28.0793, 7.1267

Details

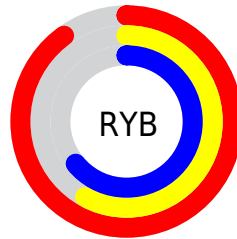
The Yxy color **40.1698, 0.3816, 0.3106** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0321, 0.2708, 0.3487**, and the grayscale version is **41.9842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5630, 0.3422, 0.3128**, and **18.1028, 0.4040, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **33.1309, 0.4115, 0.3056**, and if you desaturate by 10%, it is **48.7260, 0.3569, 0.3159**.

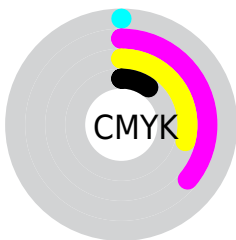
Distribution



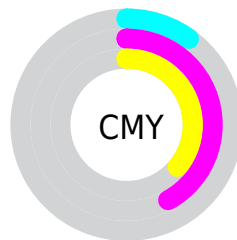
- Red (90%)
- Green (58%)
- Blue (64%)



- Red (90%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1698, 0.3816, 0.3106 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 40.1698, 0.3816, 0.3106 by changing the saturation by 10% instead.

 40.1698, 0.3816,
0.3106

 40.1698, 0.3816,
0.3106


346.8387, 0.3461,
0.3205

 27.6710, 0.3908,
0.3079


 75.4220, 0.3685,
0.3143

 18.0778, 0.4027,
0.3044

 98.9442, 0.3636,
0.3157

 11.0058, 0.4189,
0.2994


126.9096, 0.3595,
0.3168

 6.0708, 0.4420,
0.2921

159.7026, 0.3561,
0.3178

 2.8882, 0.4776,
0.2803

197.7076, 0.3531,
0.3186

 1.0736, 0.5391,
0.2589

241.3090, 0.3505,


 0.0000, 1.0000,


0.3193


0.0000

290.8913, 0.3482,
0.3199


 0.0000, 0.0000,
0.0000


 40.1698, 0.3816,
0.3106


 40.1698, 0.3816,
0.3106


 33.1309, 0.4115,
0.3056


 48.7260, 0.3569,
0.3159


 27.5149, 0.4468,
0.3016


 58.8753, 0.3369,
0.3212

 23.2259, 0.4866,
0.2994

 70.6951, 0.3206,
0.3262

 20.1533, 0.5284,
0.2999

 84.2561, 0.3075,
0.3309

 18.1688, 0.5681,
0.3039

 95.3937, 0.2970,
0.3290

■ 17.1148, 0.6005,
0.3111

■ 16.8408, 0.6116,
0.3143

Harmonies

Analogous

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



40.1698, 0.3359, 0.2778



40.1698, 0.3816, 0.3106



40.1698, 0.4078, 0.3491

Triad

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



40.1698, 0.3816, 0.3106



40.1698, 0.3330, 0.4156



40.1698, 0.2267, 0.2645

Complementary

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



40.1698, 0.3816, 0.3106



67.0321, 0.2708, 0.3487

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.



40.1698, 0.2261, 0.2969



40.1698, 0.3816, 0.3106



40.1698, 0.2851, 0.3897

Square

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



40.1698, 0.3816, 0.3106



40.1698, 0.3775, 0.4122



40.1698, 0.2466, 0.3436



40.1698, 0.2478, 0.2513

Rectangle

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



40.1698, 0.3816, 0.3106



40.1698, 0.4096, 0.3745



40.1698, 0.2466, 0.3436



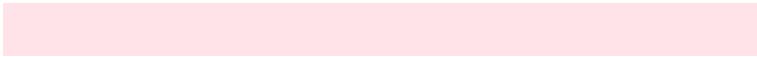
40.1698, 0.2241, 0.2733

Sweetspot

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



40.1717, 0.3816, 0.3106



82.0211, 0.3288, 0.3236



40.6128, 0.3022, 0.2365



17.1216, 0.3310, 0.3229



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.



40.1717, 0.3816, 0.3106



44.3986, 0.4034, 0.3068



48.1159, 0.3884, 0.3577



14.4137, 0.3262, 0.3244



9.6446, 0.6082, 0.3124



0.7256, 0.5687, 0.2907

Inverse Universe

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



40.1717, 0.3816, 0.3106



44.3986, 0.4034, 0.3068



55.2306, 0.2582, 0.2980



14.4137, 0.3262, 0.3244



9.6446, 0.6082, 0.3124



0.7256, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 40.1698, 0.3816, 0.3106 looks on a white background.

Color Contrast Check

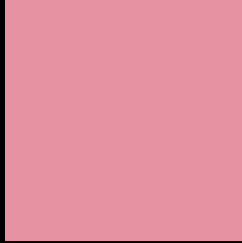
Large Text (above 18pt) WCAG AA × Fail

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 40.1698, 0.3816, 0.3106 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 40.1698, 0.3816, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 40.1698, 0.3816, 0.3106.



This preview shows how white text looks on a background with the Yxy color 40.1698, 0.3816, 0.3106.

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

40.1698, 0.3816, 0.3106

Protanopia

40.2812, 0.3096, 0.3194

Deuteranopia

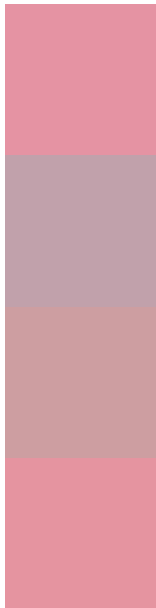
40.5247, 0.3420, 0.3357



Tritanopia

40.3410, 0.3856, 0.3164

Trichromacy



Original Color

40.1698, 0.3816, 0.3106

Protanomaly

39.7675, 0.3345, 0.3160

Deuteranomaly

40.0061, 0.3565, 0.3253

Tritanomaly

40.3759, 0.3845, 0.3152

Monochromacy



Original Color

40.1698, 0.3816, 0.3106

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7529, 0.3358, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1698, 0.3816, 0.3106 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(229, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(229, 147, 163)  
}
```

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(229, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 147, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.1698, 0.3816, 0.3106 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(229, 147, 163) }
```

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

```
.border{ border-color:rgb(229, 147, 163) }
```

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

Here you see how a box with a 4 pixel rgb(229, 147, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(229, 147,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1698, 0.3816, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 147, 163) }
```

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

```
.background{ background-color: rgb(229,  
147, 163) }
```

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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