

Converting Colors

Yxy(39.0118, 0.4008, 0.3156)

Have a look what the booklet for
Yxy(39.0118, 0.4008, 0.3156)
contains.

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Color

Yxy(39.0118, 0.4008, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	EB8D99
RGB	235, 141, 153
RGB Percent	92%, 55%, 60%
CMY	0.0783, 0.4471, 0.4000
CMYK	0.00, 0.40, 0.35, 0.08
HSL	352°, 70%, 74%
HSV	352°, 40%, 92%
XYZ	49.5435, 39.0118, 35.0562
YIQ	170.4740, 52.1720, 23.6600

Conversions

Conversions Part 2

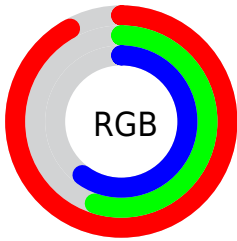
Format	Color
R _Y B	235, 141, 153
Decimal	15437209
CIE Lab	68.76, 37.05, 9.06
CIE LCh	69, 38.143, 13.741
Yxy	39.0118, 0.4008, 0.3156
Android (android.graphics.Color)	4293627289 (0xFFEB8D99)
YUV	170.4740, -8.6147, 56.5893
Hunter-Lab	62.4594, 32.2842, 10.4443

Details

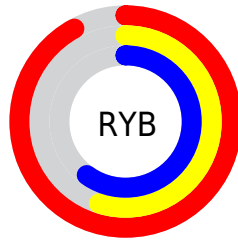
The Yxy color **39.0118, 0.4008, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4254, 0.2635, 0.3435**, and the grayscale version is **40.4723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2448, 0.3519, 0.3178**, and **17.4512, 0.4287, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **32.1831, 0.4361, 0.3127**, and if you desaturate by 10%, it is **47.4312, 0.3714, 0.3190**.

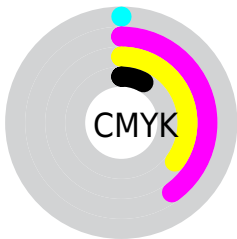
Distribution



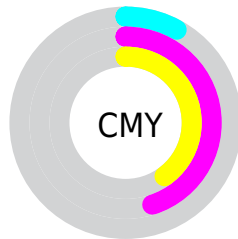
- Red (92%)
- Green (55%)
- Blue (60%)



- Red (92%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0118, 0.4008, 0.3156 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 39.0118, 0.4008, 0.3156 by changing the saturation by 10% instead.

 39.0118, 0.4008,
0.3156


 39.0118, 0.4008,
0.3156


341.9407, 0.3551,
0.3235


 26.7689, 0.4127,
0.3132


 73.6563, 0.3838,
0.3188

 17.3997, 0.4282,
0.3100


 96.8268, 0.3776,
0.3199

 10.5199, 0.4493,
0.3052


 124.4085, 0.3723,
0.3207

 5.7450, 0.4794,
0.2977

156.7860, 0.3678,
0.3215

 2.6907, 0.5254,
0.2849

194.3435, 0.3640,
0.3221

 0.9725, 0.6183,
0.2661

237.4656, 0.3606,

 0.0000, 1.0000,

0.3226

0.0000

286.5365, 0.3577,
0.3231

0.0000, 0.0000,
0.0000

39.0118, 0.4008,
0.3156

39.0118, 0.4008,
0.3156

32.1831, 0.4361,
0.3127

47.4312, 0.3714,
0.3190

26.8396, 0.4770,
0.3107

57.5267, 0.3475,
0.3225

22.8720, 0.5212,
0.3104

69.3845, 0.3282,
0.3258

20.1536, 0.5646,
0.3124

83.0830, 0.3127,
0.3290

18.5339, 0.6012,
0.3168

96.4076, 0.3006,
0.3290

■ 17.7615, 0.6262,
0.3223

Harmonies

Analogous

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



39.0118, 0.3505, 0.2769



39.0118, 0.4008, 0.3156



39.0118, 0.4250, 0.3595

Triad

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



39.0118, 0.4008, 0.3156



39.0118, 0.3243, 0.4272



39.0118, 0.2174, 0.2501

Complementary

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



39.0118, 0.4008, 0.3156



70.4254, 0.2635, 0.3435

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.



39.0118, 0.2121, 0.2823



39.0118, 0.4008, 0.3156



39.0118, 0.2705, 0.3907

Square

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



39.0118, 0.4008, 0.3156



39.0118, 0.3776, 0.4284



39.0118, 0.2304, 0.3340



39.0118, 0.2454, 0.2399

Rectangle

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



39.0118, 0.4008, 0.3156



39.0118, 0.4222, 0.3880



39.0118, 0.2304, 0.3340



39.0118, 0.2131, 0.2583

Sweetspot

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



39.0137, 0.4008, 0.3156



80.4052, 0.3318, 0.3252



40.6537, 0.3061, 0.2271



16.7953, 0.3342, 0.3247



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.



39.0137, 0.4008, 0.3156



40.0714, 0.4293, 0.3131



50.4338, 0.3978, 0.3682



15.0854, 0.3273, 0.3260



9.8922, 0.6235, 0.3209



0.7869, 0.5928, 0.3039

Inverse Universe

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



39.0137, 0.4008, 0.3156



40.0714, 0.4293, 0.3131



53.2250, 0.2509, 0.2855



15.0854, 0.3273, 0.3260



9.8922, 0.6235, 0.3209



0.7869, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 39.0118, 0.4008, 0.3156 looks on a white background.

Color Contrast Check

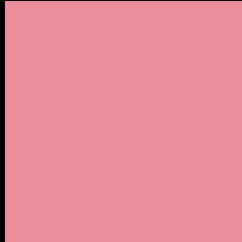
Large Text (above 18pt) WCAG AA × Fail

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 39.0118, 0.4008, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

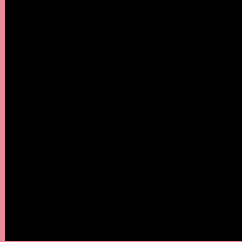
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0118, 0.4008, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 39.0118, 0.4008, 0.3156.



This preview shows how white text looks on a background with the Yxy color 39.0118, 0.4008, 0.3156.

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

39.0118, 0.4008, 0.3156

Protanopia

39.0854, 0.3164, 0.3290

Deuteranopia

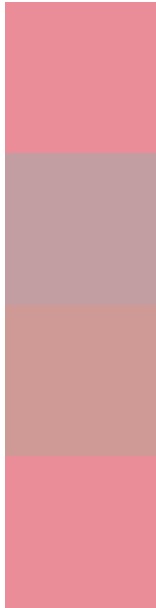
39.0870, 0.3531, 0.3465



Tritanopia

38.9789, 0.4019, 0.3168

Trichromacy



Original Color

39.0118, 0.4008, 0.3156

Protanomaly

38.5317, 0.3445, 0.3238

Deuteranomaly

38.5786, 0.3708, 0.3343

Tritanomaly

38.9789, 0.4019, 0.3168

Monochromacy



Original Color

39.0118, 0.4008, 0.3156

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9459, 0.3424, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0118, 0.4008, 0.3156 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, 141, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 153)  
}
```

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, 141, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.0118, 0.4008, 0.3156 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, 141, 153) }
```

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

```
.border{ border-color:rgb(235, 141, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0118, 0.4008, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 153) }
```

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

```
.background{ background-color: rgb(235,  
141, 153) }
```

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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