

Converting Colors

Yxy(39.9771, 0.3957, 0.3196)

Have a look what the booklet for
Yxy(39.9771, 0.3957, 0.3196)
contains.

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Color

Yxy(39.9075, 0.3961, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	E9919A
RGB	233, 145, 154
RGB Percent	91%, 57%, 60%
CMY	0.0862, 0.4314, 0.3960
CMYK	0.00, 0.38, 0.34, 0.09
HSL	354°, 67%, 74%
HSV	354°, 38%, 91%
XYZ	49.5684, 39.9075, 35.6652
YIQ	172.3380, 49.5590, 21.4550

Conversions

Conversions Part 2

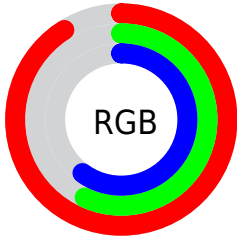
Format	Color
R _Y B	233, 145, 154
Decimal	15307162
CIE Lab	69.40, 34.34, 9.38
CIE LCh	69, 35.602, 15.278
Yxy	39.9075, 0.3961, 0.3189
Android (android.graphics.Color)	4293497242 (0xFFE9919A)
YUV	172.3380, -9.0406, 53.2006
Hunter-Lab	63.1724, 29.5089, 10.7473

Details

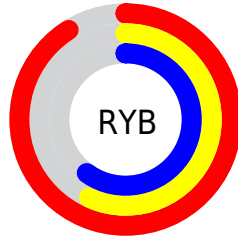
The Yxy color **39.9075, 0.3961, 0.3189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.6922, 0.2647, 0.3398**, and the grayscale version is **41.4640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1226, 0.3503, 0.3209**, and **17.9219, 0.4219, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **32.8667, 0.4311, 0.3165**, and if you desaturate by 10%, it is **48.5340, 0.3671, 0.3216**.

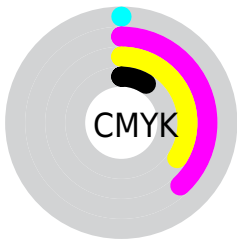
Distribution



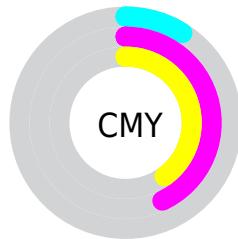
- Red (91%)
- Green (57%)
- Blue (60%)



- Red (91%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9075, 0.3961, 0.3189 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 39.9075, 0.3961, 0.3189 by changing the saturation by 10% instead.


 39.9075, 0.3961,
0.3189


 39.9075, 0.3961,
0.3189

345.7335, 0.3530,
0.3250

 27.4664, 0.4073,
0.3170


 75.0226, 0.3801,
0.3214

 17.9238, 0.4218,
0.3144


 98.4655, 0.3742,
0.3222

 10.8953, 0.4416,
0.3105


126.3444, 0.3692,
0.3229

 5.9965, 0.4698,
0.3043

159.0438, 0.3650,
0.3235

 2.8429, 0.5128,
0.2935

196.9480, 0.3614,
0.3240

 1.0503, 0.5970,
0.2771

240.4414, 0.3582,


 0.0000, 1.0000,


0.3244

0.0000

289.9085, 0.3554,
0.3247


 0.0000, 0.0000,
0.0000


 39.9075, 0.3961,
0.3189


 39.9075, 0.3961,
0.3189


 32.8667, 0.4311,
0.3165


 48.5340, 0.3671,
0.3216

 27.3095, 0.4720,
0.3148

 58.8284, 0.3436,
0.3244

 23.1311, 0.5169,
0.3144

 70.8743, 0.3248,
0.3271

 20.2108, 0.5615,
0.3157

 84.7480, 0.3096,
0.3295

 18.4064, 0.5998,
0.3191

 96.0675, 0.2994,
0.3290

■ 17.5262, 0.6259,
0.3237

■ 17.3929, 0.6301,
0.3245

Harmonies

Analogous

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



39.9075, 0.3506, 0.2821



39.9075, 0.3961, 0.3189



39.9075, 0.4171, 0.3602

Triad

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



39.9075, 0.3961, 0.3189



39.9075, 0.3212, 0.4184



39.9075, 0.2246, 0.2546

Complementary

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



39.9075, 0.3961, 0.3189



69.6922, 0.2647, 0.3398

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.



39.9075, 0.2185, 0.2840



39.9075, 0.3961, 0.3189



39.9075, 0.2714, 0.3834

Square

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



39.9075, 0.3961, 0.3189



39.9075, 0.3711, 0.4219



39.9075, 0.2347, 0.3312



39.9075, 0.2520, 0.2459

Rectangle

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



39.9075, 0.3961, 0.3189



39.9075, 0.4137, 0.3864



39.9075, 0.2347, 0.3312



39.9075, 0.2201, 0.2621

Sweetspot

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



39.9094, 0.3961, 0.3189



81.8740, 0.3305, 0.3262



41.7818, 0.3079, 0.2331



17.0868, 0.3330, 0.3258



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.



39.9094, 0.3961, 0.3189



42.3564, 0.4216, 0.3171



51.5068, 0.3910, 0.3675



15.0791, 0.3277, 0.3266



9.8753, 0.6279, 0.3233



0.7839, 0.6014, 0.3087

Inverse Universe

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



39.9094, 0.3961, 0.3189



42.3564, 0.4216, 0.3171



52.8785, 0.2539, 0.2865



15.0791, 0.3277, 0.3266



9.8753, 0.6279, 0.3233



0.7839, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 39.9075, 0.3961, 0.3189 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 39.9075, 0.3961, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

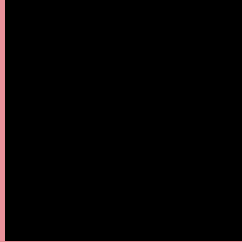
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9075, 0.3961, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 39.9075, 0.3961, 0.3189.



This preview shows how white text looks on a background with the Yxy color 39.9075, 0.3961, 0.3189.

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

39.9075, 0.3961, 0.3189

Protanopia

40.1646, 0.3190, 0.3318

Deuteranopia

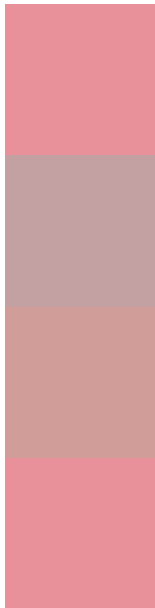
40.1227, 0.3527, 0.3463



Tritanopia

39.9747, 0.3939, 0.3166

Trichromacy



Original Color

39.9075, 0.3961, 0.3189

Protanomaly

39.3523, 0.3451, 0.3265

Deuteranomaly

39.7908, 0.3687, 0.3355

Tritanomaly

39.9410, 0.3950, 0.3178

Monochromacy



Original Color

39.9075, 0.3961, 0.3189

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0266, 0.3409, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9075, 0.3961, 0.3189 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(233, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(233, 145, 154)  
}
```

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(233, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 145, 154) }
```

Border

The CSS property to change the border of an element to Yxy 39.9075, 0.3961, 0.3189 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(233, 145, 154) }
```

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

```
.border{ border-color:rgb(233, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(233, 145,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9075, 0.3961, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 145, 154) }
```

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

```
.background{ background-color: rgb(233,  
145, 154) }
```

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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