

Converting Colors

$Yxy(39.4949, 0.3809, 0.3087)$

Have a look what the booklet for
Yxy(39.4949, 0.3809, 0.3087)
contains.

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Color

Yxy(39.3891, 0.3813, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	E491A3
RGB	228, 145, 163
RGB Percent	89%, 57%, 64%
CMY	0.1059, 0.4314, 0.3608
CMYK	0.00, 0.36, 0.29, 0.11
HSL	347°, 61%, 73%
HSV	347°, 36%, 89%
XYZ	48.7316, 39.3891, 39.6830
YIQ	171.8690, 43.6900, 23.1940

Conversions

Conversions Part 2

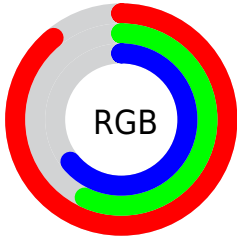
Format	Color
R_{YB}	228, 145, 163
Decimal	14979491
CIE _{Lab}	69.03, 33.67, 3.75
CIE _{LCh}	69, 33.875, 6.351
Yxy	39.3891, 0.3813, 0.3082
Android (android.graphics.Color)	4293169571 (0xFFE491A3)
YUV	171.8690, -4.3724, 49.2269
Hunter-Lab	62.7607, 28.7678, 6.4440

Details

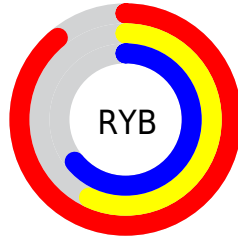
The Yxy color **39.3891, 0.3813, 0.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1623, 0.2712, 0.3514**, and the grayscale version is **41.1923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6305, 0.3425, 0.3108**, and **17.6343, 0.4036, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **32.5125, 0.4106, 0.3027**, and if you desaturate by 10%, it is **47.7581, 0.3571, 0.3141**.

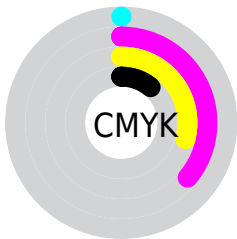
Distribution



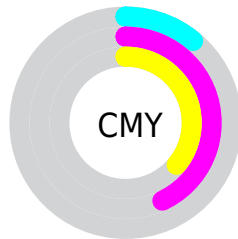
- Red (89%)
- Green (57%)
- Blue (64%)



- Red (89%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3891, 0.3813, 0.3082 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 39.3891, 0.3813, 0.3082 by changing the saturation by 10% instead.


 39.3891, 0.3813,
0.3082


 39.3891, 0.3813,
0.3082


343.5420, 0.3459,
0.3193

 27.0626, 0.3905,
0.3052


 74.2324, 0.3682,
0.3124

 17.6202, 0.4024,
0.3013


 97.5179, 0.3633,
0.3139

 10.6777, 0.4187,
0.2958


125.2251, 0.3593,
0.3152

 5.8505, 0.4420,
0.2878

157.7386, 0.3558,
0.3162

 2.7544, 0.4780,
0.2750

195.4426, 0.3528,
0.3172

 1.0049, 0.5408,
0.2519

238.7216, 0.3502,


 0.0000, 1.0000,


0.3179


0.0000


287.9599, 0.3479,
0.3186


 0.0000, 0.0000,
0.0000


 39.3891, 0.3813,
0.3082

 39.3891, 0.3813,
0.3082


 32.5125, 0.4106,
0.3027

 47.7581, 0.3571,
0.3141


 27.0346, 0.4451,
0.2982


 57.6944, 0.3373,
0.3200


 22.8603, 0.4839,
0.2958

 69.2748, 0.3213,
0.3256

 19.8797, 0.5248,
0.2962

 82.5692, 0.3084,
0.3308

 17.9651, 0.5638,
0.3004

 95.0609, 0.2979,
0.3317

■ 16.9566, 0.5961,
0.3082

■ 95.2345, 0.2964,
0.3290

■ 16.7199, 0.6058,
0.3111

Harmonies

Analogous

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



39.3891, 0.3338, 0.2752



39.3891, 0.3813, 0.3082



39.3891, 0.4095, 0.3474

Triad

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



39.3891, 0.3813, 0.3082



39.3891, 0.3359, 0.4185



39.3891, 0.2242, 0.2642

Complementary

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



39.3891, 0.3813, 0.3082



66.1623, 0.2712, 0.3514

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.



39.3891, 0.2247, 0.2982



39.3891, 0.3813, 0.3082



39.3891, 0.2867, 0.3934

Square

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



39.3891, 0.3813, 0.3082



39.3891, 0.3809, 0.4133



39.3891, 0.2466, 0.3465



39.3891, 0.2447, 0.2497

Rectangle

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



39.3891, 0.3813, 0.3082



39.3891, 0.4123, 0.3734



39.3891, 0.2466, 0.3465



39.3891, 0.2220, 0.2734

Sweetspot

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



39.3910, 0.3813, 0.3082



82.0558, 0.3284, 0.3230



39.3563, 0.2995, 0.2342



17.1298, 0.3305, 0.3223



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.



39.3910, 0.3813, 0.3082



43.6395, 0.4039, 0.3038



46.2269, 0.3913, 0.3550



14.4189, 0.3258, 0.3239



9.6687, 0.6023, 0.3092



0.7281, 0.5619, 0.2869

Inverse Universe

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



39.3910, 0.3813, 0.3082



43.6395, 0.4039, 0.3038



55.7019, 0.2579, 0.3010



14.4189, 0.3258, 0.3239



9.6687, 0.6023, 0.3092



0.7281, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 39.3891, 0.3813, 0.3082 looks on a white background.

Color Contrast Check

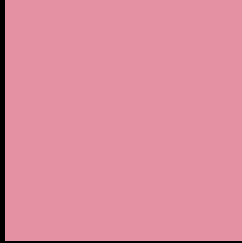
Large Text (above 18pt) WCAG AA × Fail

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 39.3891, 0.3813, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

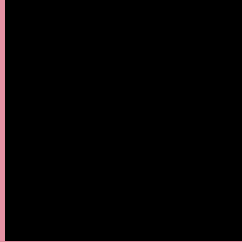
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3891, 0.3813, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 39.3891, 0.3813, 0.3082.



This preview shows how white text looks on a background with the Yxy color 39.3891, 0.3813, 0.3082.

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

39.3891, 0.3813, 0.3082

Protanopia

39.6859, 0.3078, 0.3180

Deuteranopia

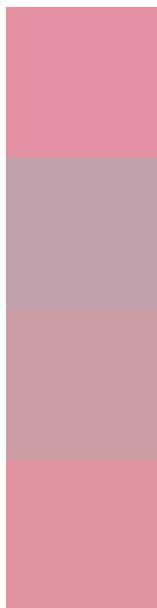
39.5513, 0.3405, 0.3331



Tritanopia

39.3230, 0.3864, 0.3163

Trichromacy



Original Color

39.3891, 0.3813, 0.3082

Protanomaly

39.1583, 0.3327, 0.3146

Deuteranomaly

39.0467, 0.3550, 0.3227

Tritanomaly

39.3919, 0.3843, 0.3140

Monochromacy



Original Color

39.3891, 0.3813, 0.3082

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9117, 0.3352, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3891, 0.3813, 0.3082 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(228, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 145, 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(228, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 145, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.3891, 0.3813, 0.3082 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(228, 145, 163) }
```

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

```
.border{ border-color:rgb(228, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 145,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3891, 0.3813, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 145, 163) }
```

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

```
.background{ background-color: rgb(228,  
145, 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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