

Converting Colors

Yxy(37.9498, 0.3843, 0.3089)

Have a look what the booklet for
Yxy(37.9498, 0.3843, 0.3089)
contains.

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Color

Yxy(38.0180, 0.3846, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	E28E9F
RGB	226, 142, 159
RGB Percent	89%, 56%, 62%
CMY	0.1138, 0.4431, 0.3764
CMYK	0.00, 0.37, 0.30, 0.11
HSL	348°, 59%, 72%
HSV	348°, 37%, 89%
XYZ	47.2889, 38.0180, 37.6491
YIQ	169.0540, 44.6070, 23.0950

Conversions

Conversions Part 2

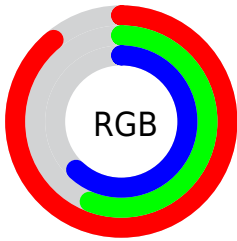
Format	Color
R _Y B	226, 142, 159
Decimal	14847647
CIE Lab	68.03, 33.98, 4.51
CIE LCh	68, 34.279, 7.559
Yxy	38.0180, 0.3846, 0.3092
Android (android.graphics.Color)	4293037727 (0xFFE28E9F)
YUV	169.0540, -4.9566, 49.9416
Hunter-Lab	61.6587, 28.9970, 6.9583

Details

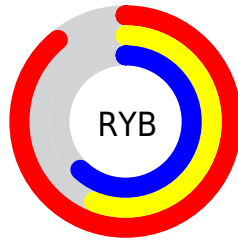
The Yxy color **38.0180, 0.3846, 0.3092** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7329, 0.2698, 0.3503**, and the grayscale version is **39.7143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0475, 0.3461, 0.3117**, and **16.8301, 0.4073, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **31.3815, 0.4149, 0.3041**, and if you desaturate by 10%, it is **46.1125, 0.3595, 0.3147**.

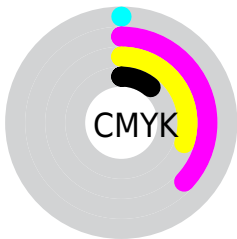
Distribution



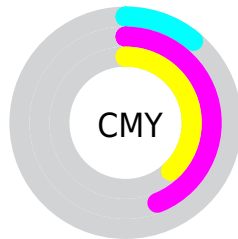
- Red (89%)
- Green (56%)
- Blue (62%)



- Red (89%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0180, 0.3846, 0.3092 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 38.0180, 0.3846, 0.3092 by changing the saturation by 10% instead.


 38.0180, 0.3846,
0.3092


 38.0180, 0.3846,
0.3092


337.6972, 0.3473,
0.3199

 25.9967, 0.3944,
0.3063


 72.1357, 0.3707,
0.3133

 16.8211, 0.4071,
0.3024


 95.0009, 0.3656,
0.3147

 10.1071, 0.4246,
0.2969


122.2495, 0.3613,
0.3160

 5.4700, 0.4497,
0.2887

154.2658, 0.3577,
0.3170

 2.5256, 0.4889,
0.2753

191.4344, 0.3545,
0.3179

 0.8894, 0.5621,
0.2525

234.1396, 0.3518,


 0.0000, 1.0000,


0.3186


0.0000


282.7657, 0.3494,
0.3193


 0.0000, 0.0000,
0.0000

 38.0180, 0.3846,
0.3092


 38.0180, 0.3846,
0.3092


 31.3815, 0.4149,
0.3041


 46.1125, 0.3595,
0.3147


 26.1105, 0.4504,
0.3001


 55.7389, 0.3391,
0.3202


 22.1109, 0.4903,
0.2981

 66.9731, 0.3226,
0.3255

 19.2741, 0.5318,
0.2990

 79.8839, 0.3092,
0.3304

 17.4729, 0.5707,
0.3034

 94.5321, 0.2984,
0.3349

■ 16.5417, 0.6021,
0.3110

■ 94.9042, 0.2952,
0.3289

■ 16.3593, 0.6096,
0.3132

Harmonies

Analogous

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



38.0180, 0.3364, 0.2752



38.0180, 0.3846, 0.3092



38.0180, 0.4124, 0.3493

Triad

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



38.0180, 0.3846, 0.3092



38.0180, 0.3343, 0.4203



38.0180, 0.2227, 0.2617

Complementary

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



38.0180, 0.3846, 0.3092



64.7329, 0.2698, 0.3503

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.



38.0180, 0.2223, 0.2956



38.0180, 0.3846, 0.3092



38.0180, 0.2841, 0.3934

Square

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



38.0180, 0.3846, 0.3092



38.0180, 0.3808, 0.4160



38.0180, 0.2438, 0.3447



38.0180, 0.2445, 0.2478

Rectangle

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



38.0180, 0.3846, 0.3092



38.0180, 0.4144, 0.3758



38.0180, 0.2438, 0.3447



38.0180, 0.2201, 0.2708

Sweetspot

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



38.0198, 0.3846, 0.3092



82.0326, 0.3286, 0.3234



38.2200, 0.3004, 0.2327



17.1243, 0.3309, 0.3227



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.



38.0198, 0.3846, 0.3092



42.7504, 0.4089, 0.3050



45.3202, 0.3928, 0.3572



13.7457, 0.3260, 0.3243



9.3492, 0.6061, 0.3113



0.6609, 0.5637, 0.2879

Inverse Universe

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



38.0198, 0.3846, 0.3092



42.7504, 0.4089, 0.3050



53.5704, 0.2566, 0.2985



13.7457, 0.3260, 0.3243



9.3492, 0.6061, 0.3113



0.6609, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 38.0180, 0.3846, 0.3092 looks on a white background.

Color Contrast Check

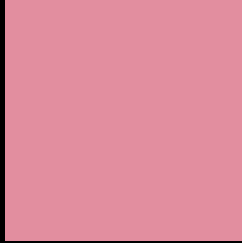
Large Text (above 18pt) WCAG AA × Fail

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 38.0180, 0.3846, 0.3092 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 38.0180, 0.3846, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 38.0180, 0.3846, 0.3092.



This preview shows how white text looks on a background with the Yxy color 38.0180, 0.3846, 0.3092.

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

38.0180, 0.3846, 0.3092

Protanopia

38.1043, 0.3086, 0.3192

Deuteranopia

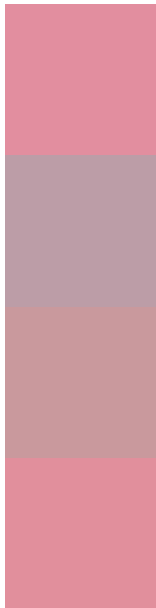
37.9810, 0.3419, 0.3345



Tritanopia

37.9856, 0.3888, 0.3162

Trichromacy



Original Color

38.0180, 0.3846, 0.3092

Protanomaly

37.5953, 0.3340, 0.3157

Deuteranomaly

37.6343, 0.3578, 0.3240

Tritanomaly

38.0528, 0.3866, 0.3138

Monochromacy



Original Color

38.0180, 0.3846, 0.3092

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4600, 0.3375, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0180, 0.3846, 0.3092 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(226, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 142, 159)  
}
```

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(226, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 142, 159) }
```

Border

The CSS property to change the border of an element to Yxy 38.0180, 0.3846, 0.3092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

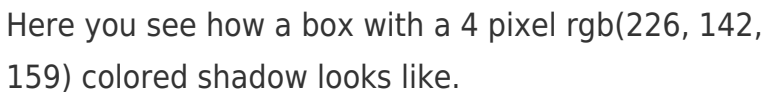
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 142, 159) }
```

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

```
.border{ border-color:rgb(226, 142, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 142,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0180, 0.3846, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 142, 159) }
```

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

```
.background{ background-color: rgb(226,  
142, 159) }
```

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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