

Converting Colors

$Y_{xy}(50.6745, 0.4751, 0.3127)$

Have a look what the booklet for
Yxy(50.6745, 0.4751, 0.3127)
contains.

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Color

Yxy(39.1625, 0.4289, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	FF8196
RGB	255, 129, 150
RGB Percent	100%, 51%, 59%
CMY	0.0001, 0.4940, 0.4119
CMYK	0.00, 0.49, 0.41, 0.00
HSL	350°, 100%, 75%
HSV	350°, 49%, 100%
XYZ	54.5882, 39.1625, 33.5242
YIQ	169.0680, 68.3550, 33.2430

Conversions

Conversions Part 2

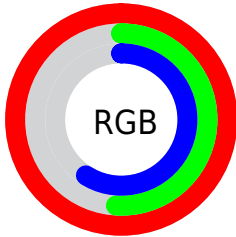
Format	Color
R _Y B	255, 129, 150
Decimal	16744854
CIE Lab	68.87, 49.80, 11.28
CIE LCh	69, 51.061, 12.757
Yxy	39.1625, 0.4289, 0.3077
Android (android.graphics.Color)	4294934934 (0xFFFF8196)
YUV	169.0680, -9.4005, 75.3624
Hunter-Lab	62.5799, 46.1899, 12.0442

Details

The Yxy color **39.1625, 0.4289, 0.3077** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.1192, 0.2568, 0.3534**, and the grayscale version is **39.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3176, 0.3565, 0.3095**, and **17.5351, 0.4657, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **32.6394, 0.4678, 0.3049**, and if you desaturate by 10%, it is **47.4896, 0.3954, 0.3117**.

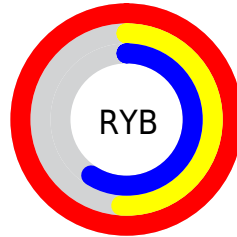
Distribution



Red (100%)

Green (51%)

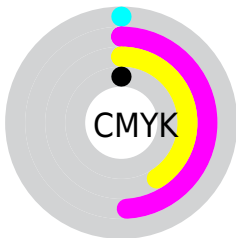
Blue (59%)



Red (100%)

Yellow (51%)

Blue (59%)

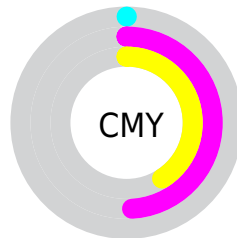


Cyan (0%)

Magenta (49%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1625, 0.4289, 0.3077 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 39.1625, 0.4289, 0.3077 by changing the saturation by 10% instead.


 39.1625, 0.4289,
0.3077


 39.1625, 0.4289,
0.3077


342.5809, 0.3688,
0.3202


 26.8862, 0.4444,
0.3040


 73.8865, 0.4067,
0.3127

 17.4877, 0.4645,
0.2989


 97.1030, 0.3984,
0.3144

 10.5829, 0.4916,
0.2915


 124.7349, 0.3915,
0.3159

 5.7871, 0.5296,
0.2802

157.1667, 0.3856,
0.3170

 2.7160, 0.5861,
0.2613

194.7829, 0.3805,
0.3180

 0.9854, 0.6991,
0.2341

237.9677, 0.3761,

 0.0000, 1.0000,

0.3189

0.0000

287.1055, 0.3722,
0.3196

■ 0.0000, 0.0000,
0.0000

■ 39.1625, 0.4289,
0.3077

■ 39.1625, 0.4289,
0.3077

■ 32.6394, 0.4678,
0.3049

■ 47.4896, 0.3954,
0.3117

■ 27.7804, 0.5105,
0.3041

■ 57.7347, 0.3676,
0.3161

■ 24.4351, 0.5532,
0.3060

■ 70.0097, 0.3449,
0.3207

■ 22.4227, 0.5907,
0.3111

■ 84.4160, 0.3266,
0.3251

■ 21.4691, 0.6181,
0.3182

■ 99.9963, 0.3127,
0.3290

■ 21.4264, 0.6194,
0.3186

Harmonies

Analogous

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



39.1625, 0.3597, 0.2600



39.1625, 0.4289, 0.3077



39.1625, 0.4619, 0.3626

Triad

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



39.1625, 0.4289, 0.3077



39.1625, 0.3275, 0.4644



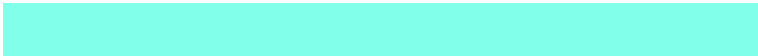
39.1625, 0.1895, 0.2264

Complementary

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



39.1625, 0.4289, 0.3077



82.1192, 0.2568, 0.3534

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.



39.1625, 0.1834, 0.2668



39.1625, 0.4289, 0.3077



39.1625, 0.2575, 0.4161

Square

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



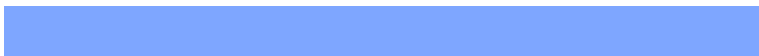
39.1625, 0.4289, 0.3077



39.1625, 0.3973, 0.4592



39.1625, 0.2061, 0.3363



39.1625, 0.2233, 0.2145

Rectangle

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



39.1625, 0.4289, 0.3077



39.1625, 0.4575, 0.3997



39.1625, 0.2061, 0.3363



39.1625, 0.1844, 0.2365

Sweetspot

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



39.1645, 0.4289, 0.3077



76.0906, 0.3364, 0.3227



40.4162, 0.2999, 0.2026



15.6528, 0.3404, 0.3217



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.



39.1645, 0.4289, 0.3077



32.8719, 0.4662, 0.3050



51.9716, 0.4287, 0.3728



18.0363, 0.3268, 0.3251



11.2120, 0.6162, 0.3168



1.1049, 0.5883, 0.3014

Inverse Universe

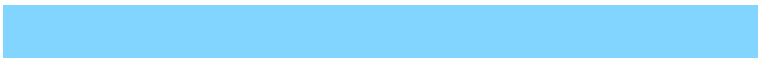
The Inverse Universe completely reimagines the original color for something new.



39.1645, 0.4289, 0.3077



32.8719, 0.4662, 0.3050



59.4740, 0.2381, 0.2782



18.0363, 0.3268, 0.3251



11.2120, 0.6162, 0.3168



1.1049, 0.5883, 0.3014

Previews

White Background



This preview shows how the Yxy color 39.1625, 0.4289, 0.3077 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 39.1625, 0.4289, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

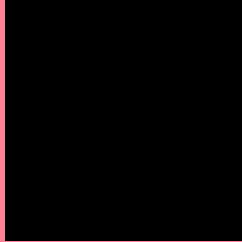
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1625, 0.4289, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 39.1625, 0.4289, 0.3077.



This preview shows how white text looks on a background with the Yxy color 39.1625, 0.4289, 0.3077.

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

39.1625, 0.4289, 0.3077

Protanopia

39.6035, 0.3129, 0.3249

Deuteranopia

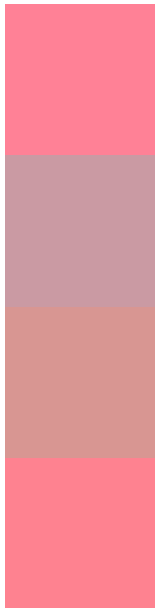
39.1917, 0.3599, 0.3531



Tritanopia

39.1969, 0.4387, 0.3201

Trichromacy



Original Color

39.1625, 0.4289, 0.3077

Protanomaly

38.3121, 0.3525, 0.3176

Deuteranomaly

38.4869, 0.3856, 0.3341

Tritanomaly

39.0497, 0.4345, 0.3149

Monochromacy



Original Color

39.1625, 0.4289, 0.3077

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

37.9992, 0.3515, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1625, 0.4289, 0.3077 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(255, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 150)  
}
```

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(255, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.1625, 0.4289, 0.3077 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(255, 129, 150) }
```

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

```
.border{ border-color:rgb(255, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1625, 0.4289, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 150) }
```

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

```
.background{ background-color: rgb(255,  
129, 150) }
```

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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