

Converting Colors

$Y_{xy}(46.4955, 0.4587, 0.3122)$

Have a look what the booklet for
Yxy(46.4955, 0.4587, 0.3122)
contains.

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Color

Yxy(39.4273, 0.4284, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	FF8296
RGB	255, 130, 150
RGB Percent	100%, 51%, 59%
CMY	0.0002, 0.4900, 0.4118
CMYK	0.00, 0.49, 0.41, 0.00
HSL	350°, 100%, 75%
HSV	350°, 49%, 100%
XYZ	54.7154, 39.4273, 33.5777
YIQ	169.6550, 68.0800, 32.7200

Conversions

Conversions Part 2

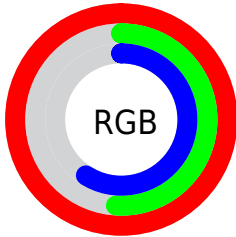
Format	Color
R _Y B	255, 130, 150
Decimal	16745110
CIE Lab	69.06, 49.30, 11.53
CIE LCh	69, 50.631, 13.166
Yxy	39.4273, 0.4284, 0.3087
Android (android.graphics.Color)	4294935190 (0xFFFF8296)
YUV	169.6550, -9.6899, 74.8476
Hunter-Lab	62.7912, 45.6581, 12.2484

Details

The Yxy color **39.4273, 0.4284, 0.3087** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.2396, 0.2568, 0.3522**, and the grayscale version is **40.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7374, 0.3563, 0.3105**, and **17.6718, 0.4651, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **32.8358, 0.4674, 0.3060**, and if you desaturate by 10%, it is **47.8291, 0.3948, 0.3125**.

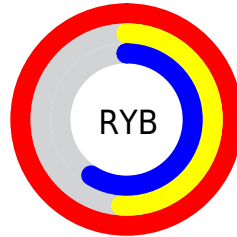
Distribution



Red (100%)

Green (51%)

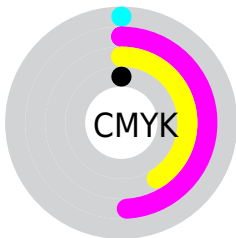
Blue (59%)



Red (100%)

Yellow (51%)

Blue (59%)

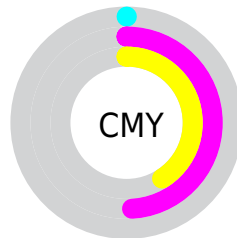


Cyan (0%)

Magenta (49%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4273, 0.4284, 0.3087 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 39.4273, 0.4284, 0.3087 by changing the saturation by 10% instead.


 39.4273, 0.4284,
0.3087


 39.4273, 0.4284,
0.3087


343.7038, 0.3686,
0.3207

 27.0923, 0.4438,
0.3051


 74.2906, 0.4063,
0.3135

 17.6426, 0.4638,
0.3002

 97.5878, 0.3981,
0.3152

 10.6937, 0.4906,
0.2930


 125.3077, 0.3912,
0.3165

 5.8612, 0.5284,
0.2820

157.8349, 0.3853,
0.3177

 2.7609, 0.5844,
0.2636

195.5537, 0.3803,
0.3186

 1.0082, 0.6958,
0.2370

238.8485, 0.3759,

 0.0000, 1.0000,

0.3194


0.0000


288.1037, 0.3720,
0.3201


 0.0000, 0.0000,
0.0000


 39.4273, 0.4284,
0.3087


 39.4273, 0.4284,
0.3087


 32.8358, 0.4674,
0.3060


 47.8291, 0.3948,
0.3125


 27.9153, 0.5103,
0.3052


 58.1551, 0.3670,
0.3168

 24.5161, 0.5534,
0.3070

 70.5167, 0.3443,
0.3212

 22.4586, 0.5912,
0.3118

 85.0153, 0.3261,
0.3254

 21.4809, 0.6186,
0.3188

99.9918, 0.3127,
0.3290

■ 21.4100, 0.6208,
0.3194

Harmonies

Analogous

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



39.4273, 0.3603, 0.2612



39.4273, 0.4284, 0.3087



39.4273, 0.4605, 0.3633

Triad

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



39.4273, 0.4284, 0.3087



39.4273, 0.3265, 0.4626



39.4273, 0.1909, 0.2270

Complementary

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



39.4273, 0.4284, 0.3087



82.2396, 0.2568, 0.3522

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.



39.4273, 0.1844, 0.2668



39.4273, 0.4284, 0.3087



39.4273, 0.2572, 0.4141

Square

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



39.4273, 0.4284, 0.3087



39.4273, 0.3958, 0.4583



39.4273, 0.2066, 0.3353



39.4273, 0.2248, 0.2155

Rectangle

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



39.4273, 0.4284, 0.3087



39.4273, 0.4558, 0.4000



39.4273, 0.2066, 0.3353



39.4273, 0.1857, 0.2369

Sweetspot

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



39.4293, 0.4284, 0.3087



76.0771, 0.3366, 0.3229



40.7086, 0.3001, 0.2036



15.6496, 0.3406, 0.3220



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.



39.4293, 0.4284, 0.3087



32.8456, 0.4675, 0.3060



52.2473, 0.4274, 0.3725



18.0344, 0.3269, 0.3252



11.2054, 0.6177, 0.3177



1.1039, 0.5901, 0.3025

Inverse Universe

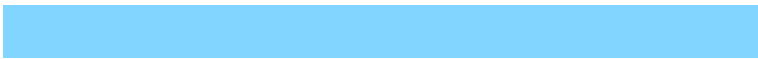
The Inverse Universe completely reimagines the original color for something new.



39.4293, 0.4284, 0.3087



32.8456, 0.4675, 0.3060



59.7146, 0.2386, 0.2787



18.0344, 0.3269, 0.3252



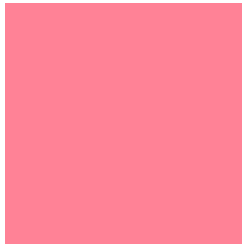
11.2054, 0.6177, 0.3177



1.1039, 0.5901, 0.3025

Previews

White Background



This preview shows how the Yxy color 39.4273, 0.4284, 0.3087 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 39.4273, 0.4284, 0.3087 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 39.4273, 0.4284, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 39.4273, 0.4284, 0.3087.



This preview shows how white text looks on a background with the Yxy color 39.4273, 0.4284, 0.3087.

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

39.4273, 0.4284, 0.3087

Protanopia

39.6035, 0.3129, 0.3249

Deuteranopia

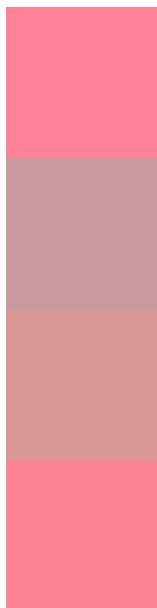
39.7081, 0.3597, 0.3530



Tritanopia

39.4964, 0.4370, 0.3200

Trichromacy



Original Color

39.4273, 0.4284, 0.3087

Protanomaly

38.3121, 0.3525, 0.3176

Deuteranomaly

38.8387, 0.3841, 0.3341

Tritanomaly

39.3170, 0.4340, 0.3159

Monochromacy



Original Color

39.4273, 0.4284, 0.3087

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.5045, 0.3512, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4273, 0.4284, 0.3087 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, 130, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.4273, 0.4284, 0.3087 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, 130, 150) }
```

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

```
.border{ border-color:rgb(255, 130, 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, 130, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4273, 0.4284, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 150) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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