

Converting Colors

Yxy(39.2601, 0.4326, 0.3163)

Have a look what the booklet for
Yxy(39.2601, 0.4326, 0.3163)
contains.

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Color

Yxy(39.3988, 0.4326, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	FD8490
RGB	253, 132, 144
RGB Percent	99%, 52%, 56%
CMY	0.0078, 0.4824, 0.4352
CMYK	0.00, 0.48, 0.43, 0.01
HSL	354°, 97%, 75%
HSV	354°, 48%, 99%
XYZ	53.8003, 39.3988, 31.1658
YIQ	169.5470, 68.2640, 29.3840

Conversions

Conversions Part 2

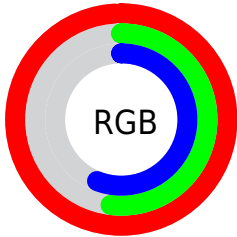
Format	Color
R _Y B	253, 132, 144
Decimal	16614544
CIE Lab	69.04, 47.06, 14.81
CIE LCh	69, 49.333, 17.474
Yxy	39.3988, 0.4326, 0.3168
Android (android.graphics.Color)	4294804624 (0xFFFD8490)
YUV	169.5470, -12.5947, 73.1883
Hunter-Lab	62.7685, 43.1515, 14.4992

Details

The Yxy color **39.3988, 0.4326, 0.3168** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.5172, 0.2545, 0.3428**, and the grayscale version is **40.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8779, 0.3612, 0.3177**, and **17.7376, 0.4691, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **32.7234, 0.4740, 0.3152**, and if you desaturate by 10%, it is **47.8826, 0.3971, 0.3191**.

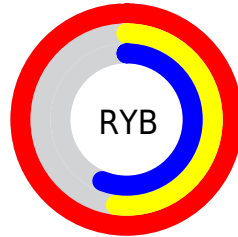
Distribution



Red (99%)

Green (52%)

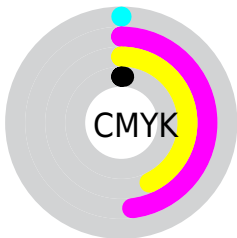
Blue (56%)



Red (99%)

Yellow (52%)

Blue (56%)

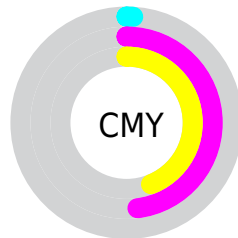


Cyan (0%)

Magenta (48%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3988, 0.4326, 0.3168 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 39.3988, 0.4326, 0.3168 by changing the saturation by 10% instead.


 39.3988, 0.4326,
0.3168


 39.3988, 0.4326,
0.3168


343.5831, 0.3705,
0.3251


 27.0701, 0.4486,
0.3140


 74.2472, 0.4096,
0.3203

 17.6259, 0.4693,
0.3100


 97.5356, 0.4011,
0.3215

 10.6817, 0.4972,
0.3039


 125.2461, 0.3940,
0.3225

 5.8532, 0.5361,
0.2941

157.7630, 0.3879,
0.3232

 2.7561, 0.5936,
0.2768

195.4708, 0.3826,
0.3238

 1.0057, 0.7276,
0.2585

238.7538, 0.3781,


 0.0000, 1.0000,


0.3243

0.0000


287.9964, 0.3741,
0.3247


 0.0000, 0.0000,
0.0000


 39.3988, 0.4326,
0.3168


 39.3988, 0.4326,
0.3168

 32.7234, 0.4740,
0.3152


 47.8826, 0.3971,
0.3191


 27.7193, 0.5192,
0.3148


 58.2865, 0.3678,
0.3218

 24.2401, 0.5640,
0.3163

 70.7206, 0.3440,
0.3245

 22.1109, 0.6019,
0.3196

 85.2846, 0.3250,
0.3271

 21.0995, 0.6272,
0.3243

99.6262, 0.3115,
0.3290

■ 20.9572, 0.6311,
0.3250

Harmonies

Analogous

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



39.3988, 0.3699, 0.2687



39.3988, 0.4326, 0.3168



39.3988, 0.4576, 0.3707

Triad

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



39.3988, 0.4326, 0.3168



39.3988, 0.3163, 0.4552



39.3988, 0.1966, 0.2261

Complementary

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



39.3988, 0.4326, 0.3168



81.5172, 0.2545, 0.3428

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.



39.3988, 0.1864, 0.2611



39.3988, 0.4326, 0.3168



39.3988, 0.2501, 0.4016

Square

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



39.3988, 0.4326, 0.3168



39.3988, 0.3851, 0.4586



39.3988, 0.2042, 0.3244



39.3988, 0.2337, 0.2183

Rectangle

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



39.3988, 0.4326, 0.3168



39.3988, 0.4490, 0.4062



39.3988, 0.2042, 0.3244



39.3988, 0.1902, 0.2346

Sweetspot

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



39.4008, 0.4326, 0.3168



77.3994, 0.3362, 0.3255



42.2792, 0.3076, 0.2090



15.9049, 0.3405, 0.3249



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.



39.4008, 0.4326, 0.3168



33.7944, 0.4704, 0.3153



55.3571, 0.4191, 0.3799



18.0164, 0.3279, 0.3267



11.1559, 0.6289, 0.3238



1.0955, 0.6077, 0.3122

Inverse Universe

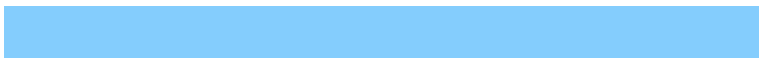
The Inverse Universe completely reimagines the original color for something new.



39.4008, 0.4326, 0.3168



33.7944, 0.4704, 0.3153



55.4732, 0.2383, 0.2699



18.0164, 0.3279, 0.3267



11.1559, 0.6289, 0.3238



1.0955, 0.6077, 0.3122

Previews

White Background



This preview shows how the Yxy color 39.3988, 0.4326, 0.3168 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 39.3988, 0.4326, 0.3168 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 39.3988, 0.4326, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 39.3988, 0.4326, 0.3168.



This preview shows how white text looks on a background with the Yxy color 39.3988, 0.4326, 0.3168.

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

39.3988, 0.4326, 0.3168

Protanopia

39.5338, 0.3216, 0.3360

Deuteranopia

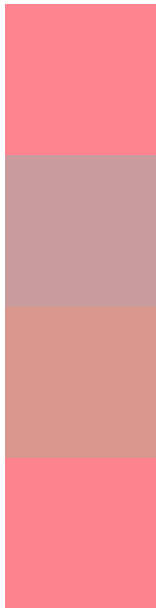
39.4405, 0.3678, 0.3595



Tritanopia

39.3382, 0.4349, 0.3189

Trichromacy



Original Color

39.3988, 0.4326, 0.3168

Protanomaly

38.3995, 0.3593, 0.3279

Deuteranomaly

38.8080, 0.3915, 0.3415

Tritanomaly

39.3683, 0.4338, 0.3179

Monochromacy



Original Color

39.3988, 0.4326, 0.3168

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.6295, 0.3520, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3988, 0.4326, 0.3168 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(253, 132, 144)` looks like.

```
.text, #text, p{  
    color:rgb(253, 132, 144)  
}
```

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(253, 132, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 132, 144) }
```

Border

The CSS property to change the border of an element to Yxy 39.3988, 0.4326, 0.3168 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(253, 132, 144) }
```

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

```
.border{ border-color:rgb(253, 132, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 132, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 132, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 132, 144);  
box-shadow:4px 4px 4px 4px rgb(253, 132,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3988, 0.4326, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 132, 144) }
```

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

```
.background{ background-color: rgb(253,  
132, 144) }
```

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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