

Converting Colors

$Yxy(39.6957, 0.4195, 0.3007)$

Have a look what the booklet for
Yxy(39.6957, 0.4195, 0.3007)
contains.

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Color

Yxy(39.6939, 0.4191, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	FF829E
RGB	255, 130, 158
RGB Percent	100%, 51%, 62%
CMY	0.0000, 0.4902, 0.3804
CMYK	0.00, 0.49, 0.38, 0.00
HSL	347°, 100%, 75%
HSV	347°, 49%, 100%
XYZ	55.3970, 39.6939, 37.0899
YIQ	170.5670, 65.5120, 35.2080

Conversions

Conversions Part 2

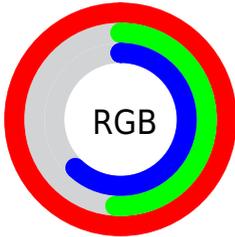
Format	Color
R _Y B	255, 130, 158
Decimal	16745118
CIE Lab	69.25, 50.20, 7.31
CIE LCh	69, 50.724, 8.282
Yxy	39.6939, 0.4191, 0.3003
Android (android.graphics.Color)	4294935198 (0xFFFF829E)
YUV	170.5670, -6.1955, 74.0477
Hunter-Lab	63.0031, 46.6950, 9.1981

Details

The Yxy color **39.6939, 0.4191, 0.3003** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.8118, 0.2603, 0.3620**, and the grayscale version is **40.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1313, 0.3496, 0.3024**, and **17.8325, 0.4514, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **33.1028, 0.4548, 0.2961**, and if you desaturate by 10%, it is **48.0755, 0.3884, 0.3058**.

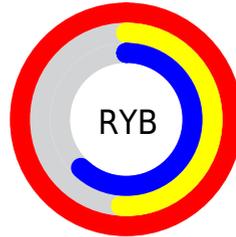
Distribution



Red (100%)

Green (51%)

Blue (62%)



Red (100%)

Yellow (51%)

Blue (62%)

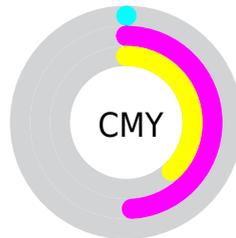


Cyan (0%)

Magenta (49%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6939, 0.4191, 0.3003 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 39.6939, 0.4191, 0.3003 by changing the saturation by 10% instead.

 39.6939, 0.4191,
0.3003

 39.6939, 0.4191,
0.3003

344.8317, 0.3643,
0.3160

 27.3000, 0.4332,
0.2960

 74.6972, 0.3989,
0.3063

 17.7986, 0.4514,
0.2902

 98.0753, 0.3914,
0.3085

 10.8055, 0.4760,
0.2822

 125.8836, 0.3850,
0.3103

 5.9362, 0.5106,
0.2703

158.5065, 0.3797,
0.3118

 2.8063, 0.5624,
0.2513

196.3283, 0.3750,
0.3131

 1.0315, 0.6515,
0.2197

239.7336, 0.3710,

 0.0000, 1.0000,

0.3142

0.0000

289.1066, 0.3674,
0.3151

 0.0000, 0.0000,
0.0000

 39.6939, 0.4191,
0.3003

 39.6939, 0.4191,
0.3003

 33.1028, 0.4548,
0.2961

 48.0755, 0.3884,
0.3058

 28.1702, 0.4945,
0.2943

 58.3656, 0.3629,
0.3119

 24.7460, 0.5352,
0.2958

 70.6727, 0.3420,
0.3180

 22.6529, 0.5727,
0.3013

 85.0967, 0.3252,
0.3240

 21.6307, 0.6026,
0.3099

100.0000, 0.3127,
0.3290

■ 21.5566, 0.6052,
0.3107

Harmonies

Analogous

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



39.6939, 0.3476, 0.2547



39.6939, 0.4191, 0.3003



39.6939, 0.4584, 0.3542

Triad

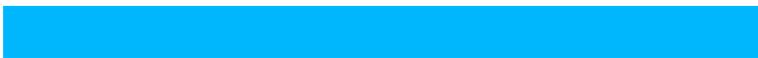
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.6939, 0.4191, 0.3003



39.6939, 0.3383, 0.4654



39.6939, 0.1880, 0.2315

Complementary

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



39.6939, 0.4191, 0.3003



81.8118, 0.2603, 0.3620

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.



39.6939, 0.1861, 0.2762



39.6939, 0.4191, 0.3003



39.6939, 0.2677, 0.4251

Square

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



39.6939, 0.4191, 0.3003



39.6939, 0.4057, 0.4534



39.6939, 0.2131, 0.3483



39.6939, 0.2174, 0.2157

Rectangle

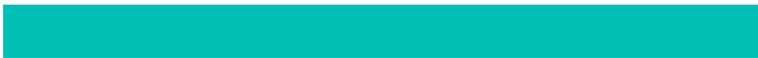
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



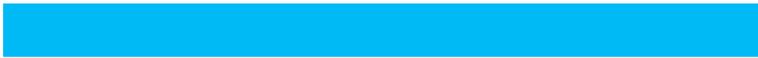
39.6939, 0.4191, 0.3003



39.6939, 0.4587, 0.3911



39.6939, 0.2131, 0.3483



39.6939, 0.1843, 0.2430

Sweetspot

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



39.6940, 0.4191, 0.3003



76.2106, 0.3348, 0.3205



39.3272, 0.2928, 0.2008



15.6813, 0.3385, 0.3192



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.



39.6940, 0.4191, 0.3003



33.1140, 0.4548, 0.2961



49.1847, 0.4323, 0.3639



18.0537, 0.3259, 0.3237



11.2821, 0.6014, 0.3086



1.1141, 0.5706, 0.2917

Inverse Universe

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



39.6940, 0.4191, 0.3003



33.1140, 0.4548, 0.2961



64.0315, 0.2406, 0.2891



18.0537, 0.3259, 0.3237



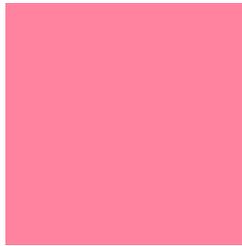
11.2821, 0.6014, 0.3086



1.1141, 0.5706, 0.2917

Previews

White Background



This preview shows how the Yxy color 39.6939, 0.4191, 0.3003 looks on a white background.

Color Contrast Check

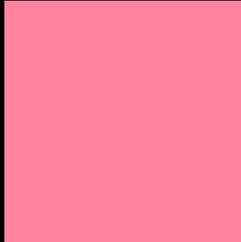
Large Text (above 18pt) WCAG AA × Fail

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 39.6939, 0.4191, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

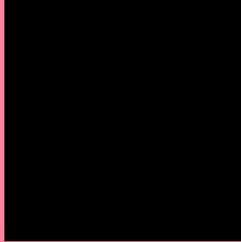
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6939, 0.4191, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 39.6939, 0.4191, 0.3003.



This preview shows how white text looks on a background with the Yxy color 39.6939, 0.4191, 0.3003.

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

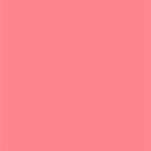
39.6939, 0.4191, 0.3003

Protanopia

39.8466, 0.3045, 0.3125

Deuteranopia

39.6679, 0.3510, 0.3437



Tritanopia

39.7989, 0.4354, 0.3200

Trichromacy



Original Color

39.6939, 0.4191, 0.3003

Protanomaly

38.5073, 0.3426, 0.3061

Deuteranomaly

38.9134, 0.3758, 0.3255

Tritanomaly

39.7115, 0.4289, 0.3127

Monochromacy



Original Color

39.6939, 0.4191, 0.3003

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.0867, 0.3490, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6939, 0.4191, 0.3003 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 158) }
```

Border

The CSS property to change the border of an element to Yxy 39.6939, 0.4191, 0.3003 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, 158) }
```

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

```
.border{ border-color:rgb(255, 130, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 158); box-shadow:4px 4px 4px 4px rgb(255, 130, 158) }
```

Background

The CSS property to change the background color of an element to Yxy 39.6939, 0.4191, 0.3003 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
130, 158) }
```

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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