

Converting Colors

$Yxy(39.7439, 0.4249, 0.3067)$

Have a look what the booklet for
Yxy(39.7439, 0.4249, 0.3067)
contains.

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Color

Yxy(39.7925, 0.4245, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	FF8399
RGB	255, 131, 153
RGB Percent	100%, 51%, 60%
CMY	0.0000, 0.4863, 0.3999
CMYK	0.00, 0.49, 0.40, 0.00
HSL	349°, 100%, 76%
HSV	349°, 49%, 100%
XYZ	55.1123, 39.7925, 34.9239
YIQ	170.5840, 66.8420, 33.1300

Conversions

Conversions Part 2

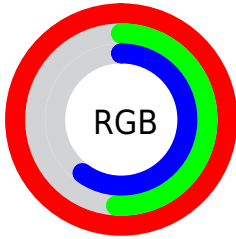
Format	Color
R _Y B	255, 131, 153
Decimal	16745369
CIE Lab	69.32, 49.17, 10.20
CIE LCh	69, 50.222, 11.720
Yxy	39.7925, 0.4245, 0.3065
Android (android.graphics.Color)	4294935449 (0xFFFF8399)
YUV	170.5840, -8.6689, 74.0328
Hunter-Lab	63.0813, 45.5580, 11.3320

Details

The Yxy color **39.7925, 0.4245, 0.3065** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.2260, 0.2580, 0.3547**, and the grayscale version is **40.5228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3056, 0.3536, 0.3085**, and **17.8692, 0.4593, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **33.1313, 0.4624, 0.3033**, and if you desaturate by 10%, it is **48.2584, 0.3919, 0.3108**.

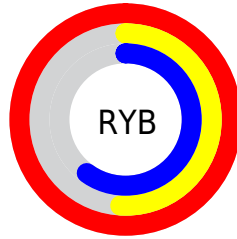
Distribution



Red (100%)

Green (51%)

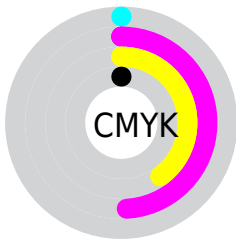
Blue (60%)



Red (100%)

Yellow (51%)

Blue (60%)

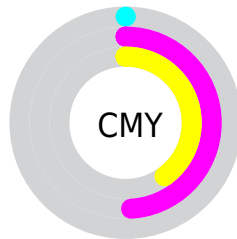


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7925, 0.4245, 0.3065 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 39.7925, 0.4245, 0.3065 by changing the saturation by 10% instead.


 39.7925, 0.4245,
0.3065


 39.7925, 0.4245,
0.3065


345.2482, 0.3668,
0.3194


 27.3768, 0.4393,
0.3028


 74.8474, 0.4032,
0.3116

 17.8564, 0.4586,
0.2977


 98.2555, 0.3953,
0.3134

 10.8469, 0.4844,
0.2904


 126.0964, 0.3886,
0.3148

 5.9640, 0.5207,
0.2794

158.7546, 0.3830,
0.3161

 2.8232, 0.5748,
0.2612

196.6145, 0.3781,
0.3171

 1.0401, 0.6753,
0.2328

240.0605, 0.3739,


 0.0000, 1.0000,


0.3180


0.0000


289.4769, 0.3701,
0.3188


 0.0000, 0.0000,
0.0000

 39.7925, 0.4245,
0.3065

 39.7925, 0.4245,
0.3065

 33.1313, 0.4624,
0.3033


 48.2584, 0.3919,
0.3108


 28.1459, 0.5044,
0.3022


 58.6514, 0.3649,
0.3156

 24.6846, 0.5469,
0.3039

 71.0792, 0.3430,
0.3205

 22.5699, 0.5850,
0.3088

 85.6424, 0.3252,
0.3252

 21.5507, 0.6137,
0.3163

100.0000, 0.3127,
0.3290

■ 21.4518, 0.6169,
0.3172

Harmonies

Analogous

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



39.7925, 0.3561, 0.2599



39.7925, 0.4245, 0.3065



39.7925, 0.4584, 0.3605

Triad

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



39.7925, 0.4245, 0.3065



39.7925, 0.3299, 0.4620



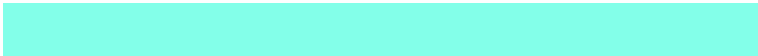
39.7925, 0.1911, 0.2293

Complementary

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



39.7925, 0.4245, 0.3065



82.2260, 0.2580, 0.3547

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.



39.7925, 0.1860, 0.2702



39.7925, 0.4245, 0.3065



39.7925, 0.2609, 0.4164

Square

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



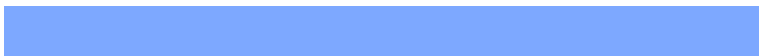
39.7925, 0.4245, 0.3065



39.7925, 0.3980, 0.4556



39.7925, 0.2095, 0.3391



39.7925, 0.2234, 0.2165

Rectangle

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



39.7925, 0.4245, 0.3065



39.7925, 0.4553, 0.3969



39.7925, 0.2095, 0.3391



39.7925, 0.1863, 0.2396

Sweetspot

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



39.7914, 0.4245, 0.3065



76.1142, 0.3361, 0.3222



40.6509, 0.2984, 0.2038



15.6584, 0.3400, 0.3212



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.



39.7914, 0.4245, 0.3065



33.5002, 0.4599, 0.3035



51.7461, 0.4274, 0.3701



18.0398, 0.3266, 0.3248



11.2242, 0.6136, 0.3154



1.1066, 0.5850, 0.2996

Inverse Universe

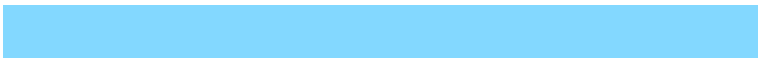
The Inverse Universe completely reimagines the original color for something new.



39.7914, 0.4245, 0.3065



33.5002, 0.4599, 0.3035



61.0187, 0.2396, 0.2818



18.0398, 0.3266, 0.3248



11.2242, 0.6136, 0.3154



1.1066, 0.5850, 0.2996

Previews

White Background



This preview shows how the Yxy color 39.7925, 0.4245, 0.3065 looks on a white background.

Color Contrast Check

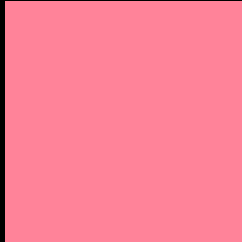
Large Text (above 18pt) WCAG AA × Fail

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 39.7925, 0.4245, 0.3065 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 39.7925, 0.4245, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 39.7925, 0.4245, 0.3065.



This preview shows how white text looks on a background with the Yxy color 39.7925, 0.4245, 0.3065.

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

39.7925, 0.4245, 0.3065

Protanopia

40.0899, 0.3103, 0.3221

Deuteranopia

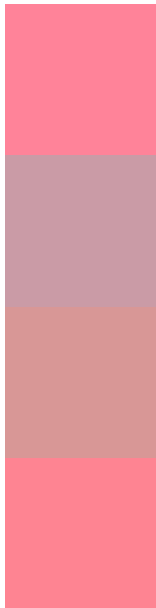
39.8018, 0.3568, 0.3490



Tritanopia

39.7989, 0.4354, 0.3200

Trichromacy



Original Color

39.7925, 0.4245, 0.3065

Protanomaly

38.7524, 0.3493, 0.3150

Deuteranomaly

38.9342, 0.3810, 0.3304

Tritanomaly

39.6487, 0.4312, 0.3148

Monochromacy



Original Color

39.7925, 0.4245, 0.3065

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.0138, 0.3510, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7925, 0.4245, 0.3065 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, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 153)  
}
```

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, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.7925, 0.4245, 0.3065 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, 131, 153) }
```

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

```
.border{ border-color:rgb(255, 131, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7925, 0.4245, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 153) }
```

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

```
.background{ background-color: rgb(255,  
131, 153) }
```

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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