

Converting Colors

$Yxy(38.8421, 0.4269, 0.3038)$

Have a look what the booklet for
Yxy(38.8421, 0.4269, 0.3038)
contains.

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Color

Yxy(38.9653, 0.4270, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	FF8098
RGB	255, 128, 152
RGB Percent	100%, 50%, 60%
CMY	0.0000, 0.4980, 0.4040
CMYK	0.00, 0.50, 0.40, 0.00
HSL	349°, 100%, 75%
HSV	349°, 50%, 100%
XYZ	54.6231, 38.9653, 34.3345
YIQ	168.7090, 67.9880, 34.3880

Conversions

Conversions Part 2

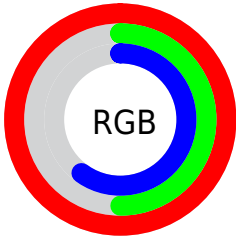
Format	Color
R _Y B	255, 128, 152
Decimal	16744600
CIE Lab	68.73, 50.50, 9.95
CIE LCh	69, 51.474, 11.145
Yxy	38.9653, 0.4270, 0.3046
Android (android.graphics.Color)	4294934680 (0xFFFF8098)
YUV	168.7090, -8.2375, 75.6772
Hunter-Lab	62.4222, 46.9591, 11.0839

Details

The Yxy color **38.9653, 0.4270, 0.3046** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.8785, 0.2577, 0.3571**, and the grayscale version is **39.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9972, 0.3550, 0.3064**, and **17.4392, 0.4629, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **32.5097, 0.4650, 0.3014**, and if you desaturate by 10%, it is **47.2142, 0.3943, 0.3091**.

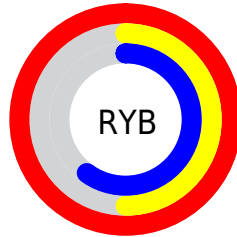
Distribution



Red (100%)

Green (50%)

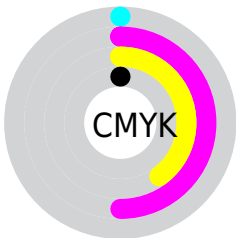
Blue (60%)



Red (100%)

Yellow (50%)

Blue (60%)

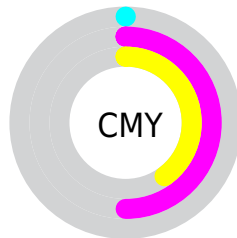


Cyan (0%)

Magenta (50%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9653, 0.4270, 0.3046 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 38.9653, 0.4270, 0.3046 by changing the saturation by 10% instead.

 38.9653, 0.4270,
0.3046


 38.9653, 0.4270,
0.3046


341.7429, 0.3679,
0.3185


 26.7327, 0.4423,
0.3006


 73.5853, 0.4051,
0.3101

 17.3726, 0.4621,
0.2951


 96.7415, 0.3970,
0.3120

 10.5005, 0.4887,
0.2873


 124.3078, 0.3902,
0.3136

 5.7320, 0.5263,
0.2755

156.6684, 0.3844,
0.3149

 2.6828, 0.5823,
0.2561

194.2079, 0.3794,
0.3160

 0.9685, 0.6899,
0.2267

237.3105, 0.3751,


 0.0000, 1.0000,

0.3170

0.0000


286.3607, 0.3712,
0.3178

 0.0000, 0.0000,
0.0000

 38.9653, 0.4270,
0.3046


 38.9653, 0.4270,
0.3046

 32.5097, 0.4650,
0.3014


 47.2142, 0.3943,
0.3091


 27.7077, 0.5066,
0.3003


 57.3707, 0.3671,
0.3142

 24.4085, 0.5486,
0.3024

 69.5462, 0.3449,
0.3194

 22.4308, 0.5859,
0.3078

 83.8422, 0.3269,
0.3244

 21.4879, 0.6139,
0.3157

99.9989, 0.3127,
0.3290

■ 21.4732, 0.6143,
0.3158

Harmonies

Analogous

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



38.9653, 0.3559, 0.2572



38.9653, 0.4270, 0.3046



38.9653, 0.4627, 0.3597

Triad

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



38.9653, 0.4270, 0.3046



38.9653, 0.3314, 0.4670



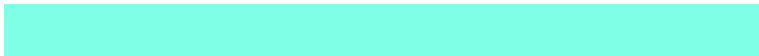
38.9653, 0.1875, 0.2269

Complementary

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



38.9653, 0.4270, 0.3046



81.8785, 0.2577, 0.3571

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.



38.9653, 0.1828, 0.2692



38.9653, 0.4270, 0.3046



38.9653, 0.2603, 0.4208

Square

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



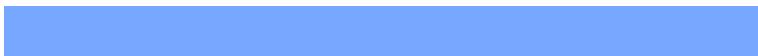
38.9653, 0.4270, 0.3046



38.9653, 0.4014, 0.4587



38.9653, 0.2072, 0.3407



38.9653, 0.2200, 0.2135

Rectangle

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



38.9653, 0.4270, 0.3046



38.9653, 0.4599, 0.3972



38.9653, 0.2072, 0.3407



38.9653, 0.1828, 0.2376

Sweetspot

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



38.9673, 0.4270, 0.3046



76.1369, 0.3358, 0.3218



39.4187, 0.2961, 0.2003



15.6638, 0.3397, 0.3208



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.



38.9673, 0.4270, 0.3046



32.3977, 0.4658, 0.3013



50.1300, 0.4325, 0.3688



18.0431, 0.3265, 0.3245



11.2367, 0.6109, 0.3139



1.1082, 0.5817, 0.2978

Inverse Universe

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



38.9673, 0.4270, 0.3046



32.3977, 0.4658, 0.3013



61.3845, 0.2386, 0.2831



18.0431, 0.3265, 0.3245



11.2367, 0.6109, 0.3139



1.1082, 0.5817, 0.2978

Previews

White Background



This preview shows how the Yxy color 38.9653, 0.4270, 0.3046 looks on a white background.

Color Contrast Check

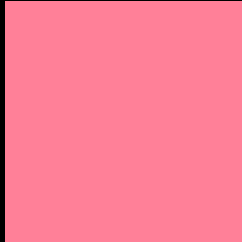
Large Text (above 18pt) WCAG AA × Fail

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 38.9653, 0.4270, 0.3046 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 38.9653, 0.4270, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 38.9653, 0.4270, 0.3046.



This preview shows how white text looks on a background with the Yxy color 38.9653, 0.4270, 0.3046.

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

38.9653, 0.4270, 0.3046

Protanopia

39.0896, 0.3095, 0.3207

Deuteranopia

39.1225, 0.3570, 0.3505



Tritanopia

38.9002, 0.4404, 0.3201

Trichromacy



Original Color

38.9653, 0.4270, 0.3046

Protanomaly

37.7784, 0.3487, 0.3136

Deuteranomaly

38.3979, 0.3825, 0.3317

Tritanomaly

38.7850, 0.4350, 0.3138

Monochromacy



Original Color

38.9653, 0.4270, 0.3046

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.0349, 0.3505, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9653, 0.4270, 0.3046 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, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 152)  
}
```

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, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.9653, 0.4270, 0.3046 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, 128, 152) }
```

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

```
.border{ border-color:rgb(255, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9653, 0.4270, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 152) }
```

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

```
.background{ background-color: rgb(255,  
128, 152) }
```

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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