

Converting Colors

$Y_{xy}(38.8133, 0.4280, 0.3048)$

Have a look what the booklet for
Yxy(38.8133, 0.4280, 0.3048)
contains.

Yxy(38.9327, 0.4282, 0.3056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.9327, 0.4282, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	FF8097
RGB	255, 128, 151
RGB Percent	100%, 50%, 59%
CMY	0.0000, 0.4981, 0.4079
CMYK	0.00, 0.50, 0.41, 0.00
HSL	349°, 100%, 75%
HSV	349°, 50%, 100%
XYZ	54.5516, 38.9327, 33.9132
YIQ	168.5950, 68.3090, 34.0770

Conversions

Conversions Part 2

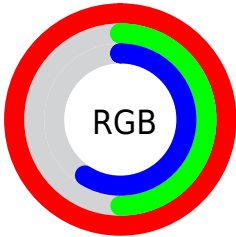
Format	Color
R_{YB}	255, 128, 151
Decimal	16744599
CIE _{Lab}	68.70, 50.42, 10.47
CIE _{LCh}	69, 51.499, 11.728
Yxy	38.9327, 0.4282, 0.3056
Android (android.graphics.Color)	4294934679 (0xFFFF8097)
YUV	168.5950, -8.6743, 75.7772
Hunter-Lab	62.3961, 46.8659, 11.4522

Details

The Yxy color **38.9327, 0.4282, 0.3056** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.9345, 0.2573, 0.3559**, and the grayscale version is **39.4796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9488, 0.3559, 0.3074**, and **17.4198, 0.4646, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **32.4739, 0.4665, 0.3025**, and if you desaturate by 10%, it is **47.1767, 0.3951, 0.3099**.

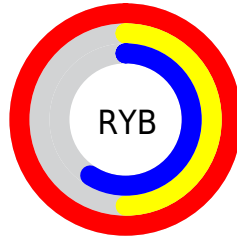
Distribution



Red (100%)

Green (50%)

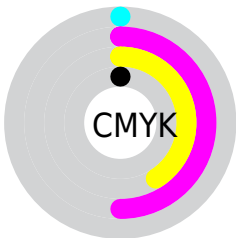
Blue (59%)



Red (100%)

Yellow (50%)

Blue (59%)

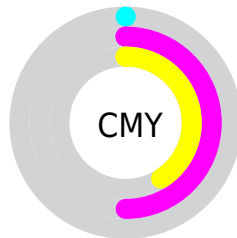


Cyan (0%)

Magenta (50%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9327, 0.4282, 0.3056 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 38.9327, 0.4282, 0.3056 by changing the saturation by 10% instead.


 38.9327, 0.4282,
0.3056

 38.9327, 0.4282,
0.3056


341.6043, 0.3684,
0.3191


 26.7074, 0.4436,
0.3017


 73.5355, 0.4061,
0.3109

 17.3536, 0.4637,
0.2963


 96.6818, 0.3979,
0.3128

 10.4869, 0.4906,
0.2886


 124.2371, 0.3910,
0.3143

 5.7230, 0.5286,
0.2769

156.5860, 0.3851,
0.3156

 2.6774, 0.5851,
0.2575

194.1127, 0.3801,
0.3167

 0.9657, 0.6960,
0.2289

237.2018, 0.3757,

 0.0000, 1.0000,

0.3176


0.0000


286.2375, 0.3718,
0.3184


 0.0000, 0.0000,
0.0000

 38.9327, 0.4282,
0.3056


 38.9327, 0.4282,
0.3056


 32.4739, 0.4665,
0.3025


 47.1767, 0.3951,
0.3099


 27.6753, 0.5086,
0.3016

 57.3354, 0.3676,
0.3148

 24.3810, 0.5508,
0.3037

 69.5154, 0.3452,
0.3198

 22.4091, 0.5880,
0.3091

 83.8182, 0.3271,
0.3246

 21.4725, 0.6157,
0.3166

100.0000, 0.3127,
0.3290

■ 21.4587, 0.6161,
0.3168

Harmonies

Analogous

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



38.9327, 0.3574, 0.2579



38.9327, 0.4282, 0.3056



38.9327, 0.4631, 0.3608

Triad

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



38.9327, 0.4282, 0.3056



38.9327, 0.3300, 0.4667



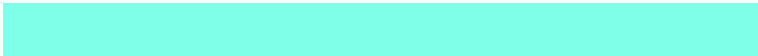
38.9327, 0.1878, 0.2263

Complementary

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



38.9327, 0.4282, 0.3056



81.9345, 0.2573, 0.3559

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.



38.9327, 0.1825, 0.2681



38.9327, 0.4282, 0.3056



38.9327, 0.2590, 0.4195

Square

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



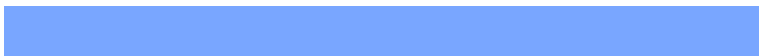
38.9327, 0.4282, 0.3056



38.9327, 0.4002, 0.4594



38.9327, 0.2064, 0.3391



38.9327, 0.2208, 0.2134

Rectangle

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



38.9327, 0.4282, 0.3056



38.9327, 0.4596, 0.3983



38.9327, 0.2064, 0.3391



38.9327, 0.1829, 0.2368

Sweetspot

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



38.9297, 0.4282, 0.3056



76.1212, 0.3360, 0.3221



39.7637, 0.2979, 0.2009



15.6600, 0.3399, 0.3211



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.



38.9297, 0.4282, 0.3056



32.3666, 0.4673, 0.3025



50.9010, 0.4313, 0.3710



18.0408, 0.3266, 0.3247



11.2280, 0.6128, 0.3149



1.1071, 0.5839, 0.2990

Inverse Universe

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



38.9297, 0.4282, 0.3056



32.3666, 0.4673, 0.3025



60.2973, 0.2381, 0.2804



18.0408, 0.3266, 0.3247



11.2280, 0.6128, 0.3149



1.1071, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 38.9327, 0.4282, 0.3056 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 38.9327, 0.4282, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

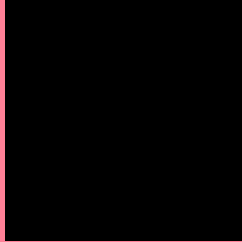
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9327, 0.4282, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 38.9327, 0.4282, 0.3056.



This preview shows how white text looks on a background with the Yxy color 38.9327, 0.4282, 0.3056.

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

38.9327, 0.4282, 0.3056

Protanopia

39.1620, 0.3112, 0.3221

Deuteranopia

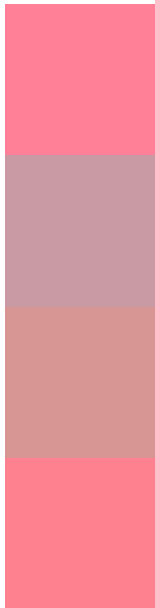
39.0915, 0.3580, 0.3519



Tritanopia

38.9002, 0.4404, 0.3201

Trichromacy



Original Color

38.9327, 0.4282, 0.3056

Protanomaly

37.8803, 0.3507, 0.3150

Deuteranomaly

38.3663, 0.3835, 0.3329

Tritanomaly

38.7545, 0.4362, 0.3149

Monochromacy



Original Color

38.9327, 0.4282, 0.3056

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

37.9992, 0.3515, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9327, 0.4282, 0.3056 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.9327, 0.4282, 0.3056 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, 151) }
```

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

```
.border{ border-color:rgb(255, 128, 151) }
```

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, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9327, 0.4282, 0.3056 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
128, 151) }
```

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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