

Converting Colors

$Y_{xy}(38.2419, 0.4261, 0.2996)$

Have a look what the booklet for
Yxy(38.2419, 0.4261, 0.2996)
contains.

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Color

Yxy(38.2603, 0.4259, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	FF7D9A
RGB	255, 125, 154
RGB Percent	100%, 49%, 60%
CMY	0.0000, 0.5098, 0.3962
CMYK	0.00, 0.51, 0.40, 0.00
HSL	347°, 100%, 75%
HSV	347°, 51%, 100%
XYZ	54.4076, 38.2603, 35.0794
YIQ	167.1760, 68.1710, 36.5790

Conversions

Conversions Part 2

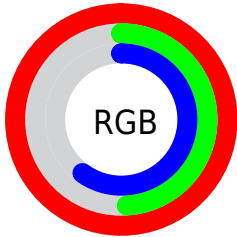
Format	Color
R _Y B	255, 125, 154
Decimal	16743834
CIE Lab	68.21, 52.17, 8.09
CIE LCh	68, 52.795, 8.810
Yxy	38.2603, 0.4259, 0.2995
Android (android.graphics.Color)	4294933914 (0xFFFF7D9A)
YUV	167.1760, -6.4958, 77.0216
Hunter-Lab	61.8549, 48.7624, 9.6737

Details

The Yxy color **38.2603, 0.4259, 0.2995** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.3726, 0.2588, 0.3634**, and the grayscale version is **38.7401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8618, 0.3539, 0.3012**, and **16.9617, 0.4618, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **32.0051, 0.4626, 0.2957**, and if you desaturate by 10%, it is **46.2816, 0.3941, 0.3048**.

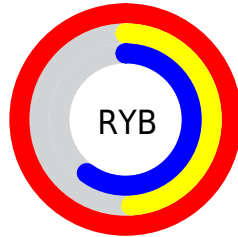
Distribution



Red (100%)

Green (49%)

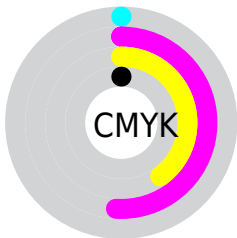
Blue (60%)



Red (100%)

Yellow (49%)

Blue (60%)

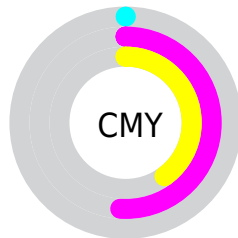


Cyan (0%)

Magenta (51%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.2603, 0.4259, 0.2995 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 38.2603, 0.4259, 0.2995 by changing the saturation by 10% instead.


 38.2603, 0.4259,
0.2995


 38.2603, 0.4259,
0.2995


338.7353, 0.3672,
0.3159

 26.1848, 0.4411,
0.2949


 72.5069, 0.4042,
0.3058

 16.9619, 0.4608,
0.2888


 95.4468, 0.3961,
0.3081

 10.2073, 0.4874,
0.2801


 122.7770, 0.3894,
0.3099

 5.5367, 0.5249,
0.2672

154.8818, 0.3836,
0.3115

 2.5654, 0.5812,
0.2464

192.1456, 0.3787,
0.3128

 0.9093, 0.6862,
0.2139

234.9529, 0.3744,

 0.0000, 1.0000,

0.3140

0.0000

283.6880, 0.3706,
0.3150

■ 0.0000, 0.0000,
0.0000

■ 38.2603, 0.4259,
0.2995

■ 38.2603, 0.4259,
0.2995

■ 32.0051, 0.4626,
0.2957

■ 46.2816, 0.3941,
0.3048

■ 27.3808, 0.5028,
0.2945

■ 56.1895, 0.3676,
0.3108

■ 24.2330, 0.5433,
0.2968

■ 68.0941, 0.3458,
0.3169

■ 22.3770, 0.5796,
0.3030

■ 82.0970, 0.3282,
0.3229

■ 21.5538, 0.6055,
0.3109

■ 98.2929, 0.3140,
0.3285

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



38.2603, 0.3507, 0.2520



38.2603, 0.4259, 0.2995



38.2603, 0.4663, 0.3555

Triad

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



38.2603, 0.4259, 0.2995



38.2603, 0.3375, 0.4730



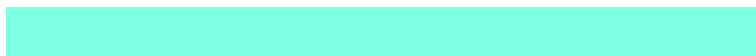
38.2603, 0.1828, 0.2261

Complementary

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



38.2603, 0.4259, 0.2995



81.3726, 0.2588, 0.3634

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.



38.2603, 0.1801, 0.2719



38.2603, 0.4259, 0.2995



38.2603, 0.2638, 0.4297

Square

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



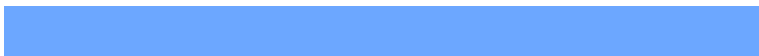
38.2603, 0.4259, 0.2995



38.2603, 0.4085, 0.4598



38.2603, 0.2074, 0.3475



38.2603, 0.2138, 0.2105

Rectangle

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



38.2603, 0.4259, 0.2995



38.2603, 0.4657, 0.3940



38.2603, 0.2074, 0.3475



38.2603, 0.1787, 0.2378

Sweetspot

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



38.2604, 0.4259, 0.2995



76.2082, 0.3348, 0.3205



37.8422, 0.2917, 0.1960



15.6807, 0.3386, 0.3193



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.



38.2604, 0.4259, 0.2995



31.9938, 0.4627, 0.2957



47.7677, 0.4392, 0.3651



18.0534, 0.3259, 0.3237



11.2805, 0.6017, 0.3088



1.1139, 0.5710, 0.2919

Inverse Universe

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



38.2604, 0.4259, 0.2995



31.9938, 0.4627, 0.2957



62.9422, 0.2382, 0.2872



18.0534, 0.3259, 0.3237



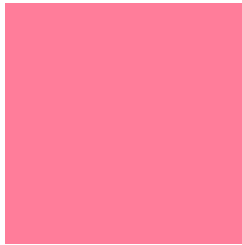
11.2805, 0.6017, 0.3088



1.1139, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 38.2603, 0.4259, 0.2995 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 38.2603, 0.4259, 0.2995 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 38.2603, 0.4259, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 38.2603, 0.4259, 0.2995.



This preview shows how white text looks on a background with the Yxy color 38.2603, 0.4259, 0.2995.

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

38.2603, 0.4259, 0.2995

Protanopia

38.6623, 0.3043, 0.3137

Deuteranopia

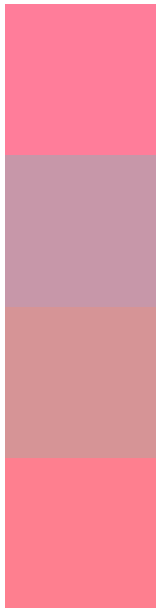
38.5750, 0.3534, 0.3466



Tritanopia

38.3153, 0.4437, 0.3201

Trichromacy



Original Color

38.2603, 0.4259, 0.2995

Protanomaly

37.1399, 0.3441, 0.3059

Deuteranomaly

37.6780, 0.3800, 0.3267

Tritanomaly

38.2327, 0.4371, 0.3129

Monochromacy



Original Color

38.2603, 0.4259, 0.2995

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.2072, 0.3509, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2603, 0.4259, 0.2995 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, 125, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 154)  
}
```

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, 125, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 154) }
```

Border

The CSS property to change the border of an element to Yxy 38.2603, 0.4259, 0.2995 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, 125, 154) }
```

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

```
.border{ border-color:rgb(255, 125, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2603, 0.4259, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 154) }
```

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

```
.background{ background-color: rgb(255,  
125, 154) }
```

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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