

Converting Colors

$Y_{xy}(49.8872, 0.4716, 0.3089)$

Have a look what the booklet for
Yxy(49.8872, 0.4716, 0.3089)
contains.

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Color

Yxy(38.7057, 0.4274, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F98
RGB	255, 127, 152
RGB Percent	100%, 50%, 60%
CMY	0.0001, 0.5019, 0.4040
CMYK	0.00, 0.50, 0.40, 0.00
HSL	348°, 100%, 75%
HSV	348°, 50%, 100%
XYZ	54.4889, 38.7057, 34.2946
YIQ	168.1220, 68.2630, 34.9110

Conversions

Conversions Part 2

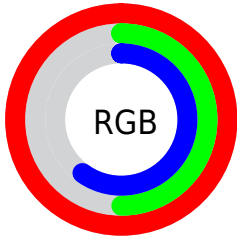
Format	Color
R _Y B	255, 127, 152
Decimal	16744344
CIE Lab	68.54, 50.98, 9.68
CIE LCh	69, 51.886, 10.749
Yxy	38.7057, 0.4274, 0.3036
Android (android.graphics.Color)	4294934424 (0xFFFF7F98)
YUV	168.1220, -7.9481, 76.1920
Hunter-Lab	62.2139, 47.4615, 10.8669

Details

The Yxy color **38.7057, 0.4274, 0.3036** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.7338, 0.2578, 0.3583**, and the grayscale version is **39.2382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5832, 0.3552, 0.3053**, and **17.3068, 0.4635, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **32.3171, 0.4652, 0.3003**, and if you desaturate by 10%, it is **46.8809, 0.3948, 0.3082**.

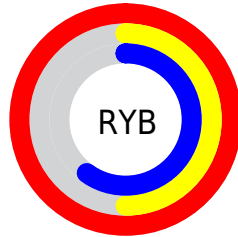
Distribution



Red (100%)

Green (50%)

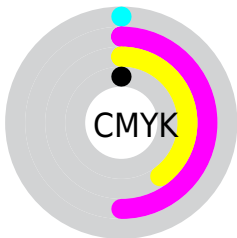
Blue (60%)



Red (100%)

Yellow (50%)

Blue (60%)

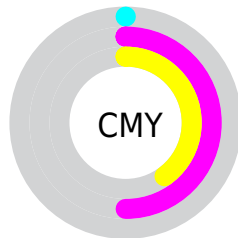


Cyan (0%)

Magenta (50%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7057, 0.4274, 0.3036 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 38.7057, 0.4274, 0.3036 by changing the saturation by 10% instead.


 38.7057, 0.4274,
0.3036


 38.7057, 0.4274,
0.3036

340.6376, 0.3680,
0.3180


 26.5309, 0.4427,
0.2995


 73.1885, 0.4054,
0.3093

 17.2212, 0.4627,
0.2938


 96.2653, 0.3973,
0.3113

 10.3923, 0.4895,
0.2858


 123.7448, 0.3904,
0.3129

 5.6598, 0.5273,
0.2737

156.0115, 0.3846,
0.3143

 2.6394, 0.5837,
0.2539

193.4497, 0.3796,
0.3154

 0.9465, 0.6927,
0.2239

236.4439, 0.3752,


 0.0000, 1.0000,

0.3164


0.0000


285.3784, 0.3714,
0.3173

 0.0000, 0.0000,
0.0000


 38.7057, 0.4274,
0.3036

 38.7057, 0.4274,
0.3036

 32.3171, 0.4652,
0.3003


 46.8809, 0.3948,
0.3082


 27.5749, 0.5067,
0.2993


 56.9570, 0.3676,
0.3135

 24.3277, 0.5483,
0.3014

 69.0461, 0.3454,
0.3189

 22.3930, 0.5853,
0.3071

 83.2494, 0.3274,
0.3240

 21.4834, 0.6128,
0.3149

99.6617, 0.3129,
0.3289

99.9955, 0.3127,
0.3290

Harmonies

Analogous

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



38.7057, 0.3552, 0.2560



38.7057, 0.4274, 0.3036



38.7057, 0.4641, 0.3591

Triad

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



38.7057, 0.4274, 0.3036



38.7057, 0.3325, 0.4687



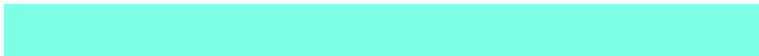
38.7057, 0.1862, 0.2263

Complementary

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



38.7057, 0.4274, 0.3036



81.7338, 0.2578, 0.3583

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.



38.7057, 0.1818, 0.2693



38.7057, 0.4274, 0.3036



38.7057, 0.2606, 0.4228

Square

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



38.7057, 0.4274, 0.3036



38.7057, 0.4029, 0.4595



38.7057, 0.2067, 0.3419



38.7057, 0.2185, 0.2125

Rectangle

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



38.7057, 0.4274, 0.3036



38.7057, 0.4615, 0.3969



38.7057, 0.2067, 0.3419



38.7057, 0.1816, 0.2372

Sweetspot

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



38.7077, 0.4274, 0.3036



76.1501, 0.3356, 0.3216



39.1261, 0.2959, 0.1993



15.6669, 0.3395, 0.3205



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.



38.7077, 0.4274, 0.3036



32.4241, 0.4645, 0.3003



49.8478, 0.4338, 0.3691



18.0450, 0.3263, 0.3244



11.2442, 0.6093, 0.3130



1.1092, 0.5798, 0.2967

Inverse Universe

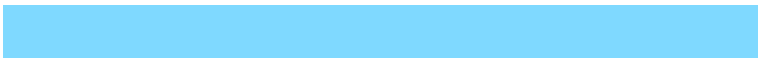
The Inverse Universe completely reimagines the original color for something new.



38.7077, 0.4274, 0.3036



32.4241, 0.4645, 0.3003



61.1482, 0.2381, 0.2827



18.0450, 0.3263, 0.3244



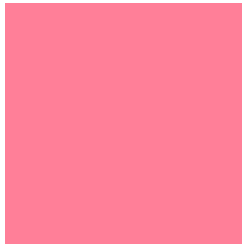
11.2442, 0.6093, 0.3130



1.1092, 0.5798, 0.2967

Previews

White Background



This preview shows how the Yxy color 38.7057, 0.4274, 0.3036 looks on a white background.

Color Contrast Check

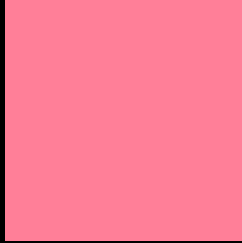
Large Text (above 18pt) WCAG AA × Fail

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 38.7057, 0.4274, 0.3036 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 38.7057, 0.4274, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 38.7057, 0.4274, 0.3036.



This preview shows how white text looks on a background with the Yxy color 38.7057, 0.4274, 0.3036.

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

38.7057, 0.4274, 0.3036

Protanopia

39.1284, 0.3086, 0.3193

Deuteranopia

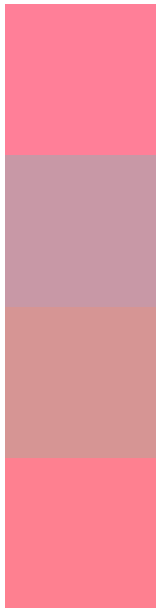
38.6414, 0.3563, 0.3493



Tritanopia

38.6354, 0.4409, 0.3191

Trichromacy



Original Color

38.7057, 0.4274, 0.3036

Protanomaly

37.4890, 0.3479, 0.3111

Deuteranomaly

37.9292, 0.3818, 0.3304

Tritanomaly

38.5228, 0.4355, 0.3128

Monochromacy



Original Color

38.7057, 0.4274, 0.3036

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.6705, 0.3517, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7057, 0.4274, 0.3036 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, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 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, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.7057, 0.4274, 0.3036 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, 127, 152) }
```

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

```
.border{ border-color:rgb(255, 127, 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, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 127, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 127, 152); box-shadow:4px 4px 4px 4px rgb(255, 127, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7057, 0.4274, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 152) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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