

Converting Colors

Yxy(38.3602, 0.4315, 0.3058)

Have a look what the booklet for
Yxy(38.3602, 0.4315, 0.3058)
contains.

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Color

Yxy(38.3516, 0.4314, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	FF7E95
RGB	255, 126, 149
RGB Percent	100%, 49%, 58%
CMY	0.0001, 0.5058, 0.4157
CMYK	0.00, 0.51, 0.42, 0.00
HSL	349°, 100%, 75%
HSV	349°, 51%, 100%
XYZ	54.1213, 38.3516, 32.9821
YIQ	167.1930, 69.5010, 34.5010

Conversions

Conversions Part 2

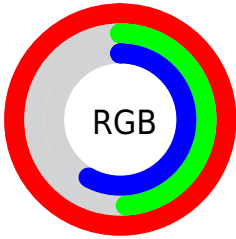
Format	Color
R _Y B	255, 126, 149
Decimal	16744085
CIE Lab	68.28, 51.15, 10.99
CIE LCh	68, 52.321, 12.125
Yxy	38.3516, 0.4314, 0.3057
Android (android.graphics.Color)	4294934165 (0xFFFF7E95)
YUV	167.1930, -8.9691, 77.0067
Hunter-Lab	61.9287, 47.6213, 11.7733

Details

The Yxy color **38.3516, 0.4314, 0.3057** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.7740, 0.2565, 0.3560**, and the grayscale version is **38.7642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0277, 0.3580, 0.3074**, and **16.9859, 0.4682, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **32.0313, 0.4703, 0.3028**, and if you desaturate by 10%, it is **46.4578, 0.3978, 0.3099**.

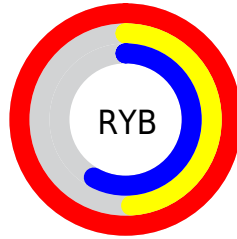
Distribution



Red (100%)

Green (49%)

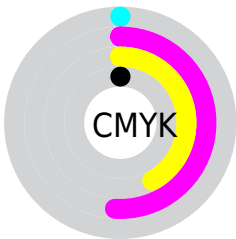
Blue (58%)



Red (100%)

Yellow (49%)

Blue (58%)

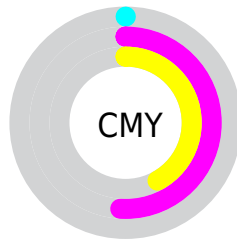


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3516, 0.4314, 0.3057 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 38.3516, 0.4314, 0.3057 by changing the saturation by 10% instead.


 38.3516, 0.4314,
0.3057


 38.3516, 0.4314,
0.3057


339.1258, 0.3698,
0.3193

 26.2557, 0.4473,
0.3017


 72.6467, 0.4086,
0.3111

 17.0150, 0.4680,
0.2962


 95.6147, 0.4001,
0.3130

 10.2452, 0.4959,
0.2883


 122.9756, 0.3930,
0.3145

 5.5618, 0.5352,
0.2762

155.1136, 0.3870,
0.3158

 2.5805, 0.5936,
0.2560

192.4133, 0.3818,
0.3169

 0.9169, 0.7150,
0.2279

235.2589, 0.3773,


 0.0000, 1.0000,


0.3178


0.0000


284.0350, 0.3733,
0.3186


 0.0000, 0.0000,
0.0000


 38.3516, 0.4314,
0.3057


 38.3516, 0.4314,
0.3057


 32.0313, 0.4703,
0.3028


 46.4578, 0.3978,
0.3099

 27.3556, 0.5126,
0.3022


 56.4653, 0.3697,
0.3146


 24.1718, 0.5547,
0.3045

 68.4867, 0.3469,
0.3195

 22.2951, 0.5913,
0.3101

 82.6240, 0.3284,
0.3243

 21.4499, 0.6168,
0.3171

 98.9725, 0.3135,
0.3288

99.9971, 0.3127,
0.3290

Harmonies

Analogous

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



38.3516, 0.3593, 0.2572



38.3516, 0.4314, 0.3057



38.3516, 0.4663, 0.3618

Triad

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



38.3516, 0.4314, 0.3057



38.3516, 0.3291, 0.4696



38.3516, 0.1858, 0.2239

Complementary

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



38.3516, 0.4314, 0.3057



81.7740, 0.2565, 0.3560

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.



38.3516, 0.1801, 0.2659



38.3516, 0.4314, 0.3057



38.3516, 0.2569, 0.4207

Square

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



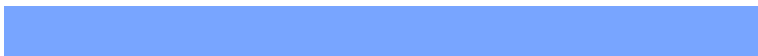
38.3516, 0.4314, 0.3057



38.3516, 0.4007, 0.4623



38.3516, 0.2038, 0.3381



38.3516, 0.2197, 0.2114

Rectangle

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



38.3516, 0.4314, 0.3057



38.3516, 0.4622, 0.3999



38.3516, 0.2038, 0.3381



38.3516, 0.1808, 0.2344

Sweetspot

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



38.3536, 0.4314, 0.3057



76.1152, 0.3361, 0.3222



39.1914, 0.2976, 0.1991



15.6586, 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.



38.3536, 0.4314, 0.3057



31.8058, 0.4720, 0.3028



50.3495, 0.4339, 0.3716



18.0399, 0.3266, 0.3248



11.2247, 0.6135, 0.3153



1.1066, 0.5848, 0.2995

Inverse Universe

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



38.3536, 0.4314, 0.3057



31.8058, 0.4720, 0.3028



59.8231, 0.2371, 0.2795



18.0399, 0.3266, 0.3248



11.2247, 0.6135, 0.3153



1.1066, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 38.3516, 0.4314, 0.3057 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 38.3516, 0.4314, 0.3057 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 38.3516, 0.4314, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 38.3516, 0.4314, 0.3057.



This preview shows how white text looks on a background with the Yxy color 38.3516, 0.4314, 0.3057.

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

38.3516, 0.4314, 0.3057

Protanopia

38.6477, 0.3112, 0.3220

Deuteranopia

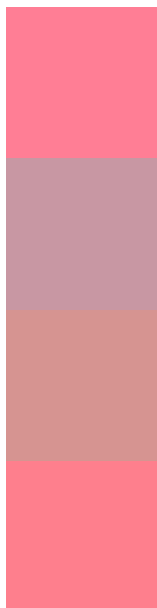
38.5493, 0.3592, 0.3533



Tritanopia

38.3153, 0.4437, 0.3201

Trichromacy



Original Color

38.3516, 0.4314, 0.3057

Protanomaly

37.0569, 0.3512, 0.3136

Deuteranomaly

37.5203, 0.3854, 0.3329

Tritanomaly

38.1727, 0.4395, 0.3149

Monochromacy



Original Color

38.3516, 0.4314, 0.3057

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.1367, 0.3530, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3516, 0.4314, 0.3057 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, 126, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 149)  
}
```

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, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.3516, 0.4314, 0.3057 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, 126, 149) }
```

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

```
.border{ border-color:rgb(255, 126, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3516, 0.4314, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 149) }
```

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

```
.background{ background-color: rgb(255,  
126, 149) }
```

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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