

Converting Colors

$Y_{xy}(38.5300, 0.4516, 0.3276)$

Have a look what the booklet for
Yxy(38.5300, 0.4516, 0.3276)
contains.

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Color

Yxy(38.5992, 0.4511, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	FF8183
RGB	255, 129, 131
RGB Percent	100%, 51%, 51%
CMY	0.0000, 0.4940, 0.4863
CMYK	0.00, 0.49, 0.49, 0.00
HSL	359°, 100%, 75%
HSV	359°, 49%, 100%
XYZ	53.1830, 38.5992, 26.1140
YIQ	166.9020, 74.4540, 27.3340

Conversions

Conversions Part 2

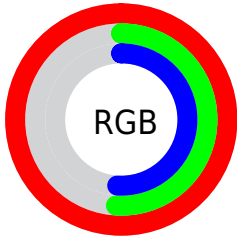
Format	Color
R_{YB}	255, 129, 131
Decimal	16744835
CIE _{Lab}	68.46, 47.97, 21.36
CIE _{LCh}	68, 52.506, 24.004
Yxy	38.5992, 0.4511, 0.3274
Android (android.graphics.Color)	4294934915 (0xFFFF8183)
YUV	166.9020, -17.6997, 77.2619
Hunter-Lab	62.1283, 44.0749, 18.5688

Details

The Yxy color **38.5992, 0.4511, 0.3274** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2743, 0.2486, 0.3311**, and the grayscale version is **38.6558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0017, 0.3740, 0.3292**, and **17.1107, 0.4932, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **32.1000, 0.4970, 0.3273**, and if you desaturate by 10%, it is **46.9430, 0.4110, 0.3276**.

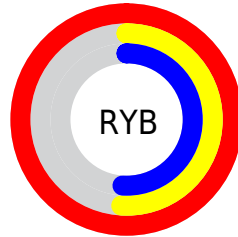
Distribution



Red (100%)

Green (51%)

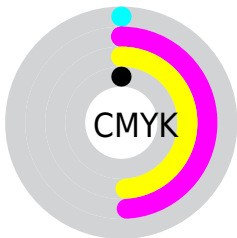
Blue (51%)



Red (100%)

Yellow (51%)

Blue (51%)

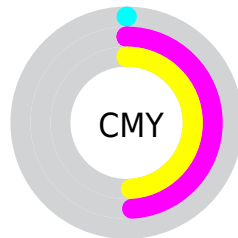


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5992, 0.4511, 0.3274 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 38.5992, 0.4511, 0.3274 by changing the saturation by 10% instead.


 38.5992, 0.4511,
0.3274


 38.5992, 0.4511,
0.3274


340.1834, 0.3792,
0.3314


 26.4481, 0.4695,
0.3253


 73.0256, 0.4245,
0.3297

 17.1591, 0.4933,
0.3219


 96.0697, 0.4147,
0.3303

 10.3480, 0.5250,
0.3162


 123.5136, 0.4064,
0.3307

 5.6303, 0.5687,
0.3061

155.7416, 0.3993,
0.3310

 2.6216, 0.6324,
0.2874

193.1383, 0.3933,
0.3312

 0.9375, 0.7454,
0.2546

236.0878, 0.3880,

 0.0000, 1.0000,

0.3313


0.0000

284.9748, 0.3833,
0.3314

 0.0000, 0.0000,
0.0000

 38.5992, 0.4511,
0.3274


 38.5992, 0.4511,
0.3274

 32.1000, 0.4970,
0.3273

 46.9430, 0.4110,
0.3276

 27.3002, 0.5451,
0.3275


 57.2503, 0.3776,
0.3280

 24.0430, 0.5893,
0.3280

 69.6370, 0.3506,
0.3283

 22.1394, 0.6217,
0.3288

 84.2083, 0.3290,
0.3287

 21.3029, 0.6383,
0.3294

99.9978, 0.3127,
0.3290

■ 21.2665, 0.6390,
0.3294

Harmonies

Analogous

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



38.5992, 0.3906, 0.2749



38.5992, 0.4511, 0.3274



38.5992, 0.4666, 0.3846

Triad

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



38.5992, 0.4511, 0.3274



38.5992, 0.2994, 0.4570



38.5992, 0.1958, 0.2156

Complementary

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



38.5992, 0.4511, 0.3274



83.2743, 0.2486, 0.3311

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.



38.5992, 0.1788, 0.2454



38.5992, 0.4511, 0.3274



38.5992, 0.2326, 0.3895

Square

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



38.5992, 0.4511, 0.3274



38.5992, 0.3738, 0.4714



38.5992, 0.1906, 0.3064



38.5992, 0.2407, 0.2134

Rectangle

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



38.5992, 0.4511, 0.3274



38.5992, 0.4504, 0.4216



38.5992, 0.1906, 0.3064



38.5992, 0.1870, 0.2222

Sweetspot

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



38.6012, 0.4511, 0.3274



75.7848, 0.3405, 0.3285



43.7862, 0.3165, 0.2088



15.5803, 0.3452, 0.3284



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.



38.6012, 0.4511, 0.3274



32.3311, 0.4950, 0.3273



59.6283, 0.4179, 0.3919



17.9917, 0.3292, 0.3287



11.1154, 0.6385, 0.3291



1.0838, 0.6347, 0.3270

Inverse Universe

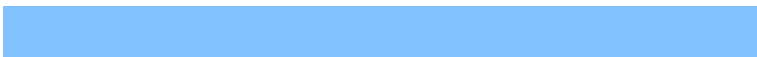
The Inverse Universe completely reimagines the original color for something new.



38.6012, 0.4511, 0.3274



32.3311, 0.4950, 0.3273



50.5170, 0.2335, 0.2541



17.9917, 0.3292, 0.3287



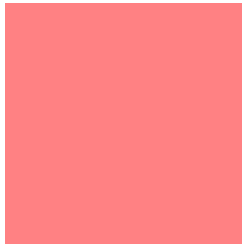
11.1154, 0.6385, 0.3291



1.0838, 0.6347, 0.3270

Previews

White Background



This preview shows how the Yxy color 38.5992, 0.4511, 0.3274 looks on a white background.

Color Contrast Check

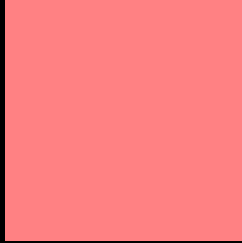
Large Text (above 18pt) WCAG AA × Fail

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 38.5992, 0.4511, 0.3274 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 38.5992, 0.4511, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 38.5992, 0.4511, 0.3274.



This preview shows how white text looks on a background with the Yxy color 38.5992, 0.4511, 0.3274.

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

38.5992, 0.4511, 0.3274

Protanopia

38.9213, 0.3361, 0.3543

Deuteranopia

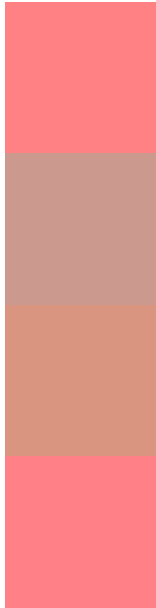
38.5183, 0.3822, 0.3740



Tritanopia

38.5045, 0.4447, 0.3202

Trichromacy



Original Color

38.5992, 0.4511, 0.3274

Protanomaly

37.5728, 0.3763, 0.3434

Deuteranomaly

37.9588, 0.4072, 0.3549

Tritanomaly

38.4476, 0.4470, 0.3222

Monochromacy



Original Color

38.5992, 0.4511, 0.3274

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.2577, 0.3588, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5992, 0.4511, 0.3274 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, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 131)  
}
```

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, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 131) }
```

Border

The CSS property to change the border of an element to Yxy 38.5992, 0.4511, 0.3274 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, 129, 131) }
```

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

```
.border{ border-color:rgb(255, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5992, 0.4511, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 131) }
```

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

```
.background{ background-color: rgb(255,  
129, 131) }
```

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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