

Converting Colors

$Yxy(38.8962, 0.4497, 0.3278)$

Have a look what the booklet for
Yxy(38.8962, 0.4497, 0.3278)
contains.

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Color

Yxy(38.8912, 0.4494, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	FF8284
RGB	255, 130, 132
RGB Percent	100%, 51%, 52%
CMY	0.0000, 0.4901, 0.4825
CMYK	0.00, 0.49, 0.48, 0.00
HSL	359°, 100%, 75%
HSV	359°, 49%, 100%
XYZ	53.3833, 38.8912, 26.5135
YIQ	167.6030, 73.8580, 27.1220

Conversions

Conversions Part 2

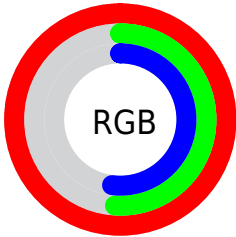
Format	Color
R_{YB}	255, 130, 132
Decimal	16745092
CIE _{Lab}	68.67, 47.57, 21.10
CIE _{LCh}	69, 52.034, 23.917
Yxy	38.8912, 0.4494, 0.3274
Android (android.graphics.Color)	4294935172 (0xFFFF8284)
YUV	167.6030, -17.5523, 76.6472
Hunter-Lab	62.3628, 43.6633, 18.4469

Details

The Yxy color **38.8912, 0.4494, 0.3274** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.3546, 0.2490, 0.3310**, and the grayscale version is **39.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4607, 0.3728, 0.3292**, and **17.2628, 0.4908, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **32.3223, 0.4951, 0.3273**, and if you desaturate by 10%, it is **47.3099, 0.4096, 0.3276**.

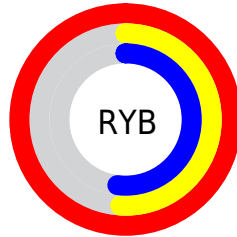
Distribution



Red (100%)

Green (51%)

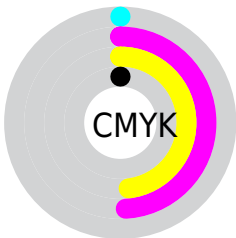
Blue (52%)



Red (100%)

Yellow (51%)

Blue (52%)

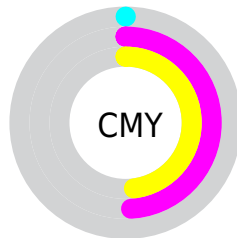


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8912, 0.4494, 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 38.8912, 0.4494, 0.3274 by changing the saturation by 10% instead.


 38.8912, 0.4494,
0.3274


 38.8912, 0.4494,
0.3274


341.4277, 0.3785,
0.3314


 26.6751, 0.4676,
0.3253


 73.4721, 0.4232,
0.3296

 17.3294, 0.4910,
0.3220


 96.6056, 0.4135,
0.3302

 10.4696, 0.5223,
0.3165


 124.1472, 0.4053,
0.3306

 5.7114, 0.5654,
0.3067

156.4810, 0.3983,
0.3309

 2.6704, 0.6279,
0.2883

193.9916, 0.3923,
0.3311

 0.9622, 0.7424,
0.2576

237.0633, 0.3871,

 0.0000, 1.0000,

0.3312


0.0000


286.0805, 0.3825,
0.3313


 0.0000, 0.0000,
0.0000

 38.8912, 0.4494,
0.3274

 38.8912, 0.4494,
0.3274


 32.3223, 0.4951,
0.3273


 47.3099, 0.4096,
0.3276

 27.4586, 0.5432,
0.3275


 57.6967, 0.3765,
0.3280

 24.1442, 0.5877,
0.3280

 70.1672, 0.3497,
0.3283

 22.1916, 0.6208,
0.3287

 84.8263, 0.3283,
0.3287

 21.3270, 0.6378,
0.3294

99.9981, 0.3127,
0.3290

 21.2668, 0.6390,
0.3294

Harmonies

Analogous

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



38.8912, 0.3896, 0.2754



38.8912, 0.4494, 0.3274



38.8912, 0.4650, 0.3841

Triad

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



38.8912, 0.4494, 0.3274



38.8912, 0.2999, 0.4555



38.8912, 0.1968, 0.2168

Complementary

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



38.8912, 0.4494, 0.3274



83.3546, 0.2490, 0.3310

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.



38.8912, 0.1801, 0.2465



38.8912, 0.4494, 0.3274



38.8912, 0.2337, 0.3890

Square

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



38.8912, 0.4494, 0.3274



38.8912, 0.3735, 0.4698



38.8912, 0.1919, 0.3070



38.8912, 0.2413, 0.2145

Rectangle

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



38.8912, 0.4494, 0.3274



38.8912, 0.4491, 0.4207



38.8912, 0.1919, 0.3070



38.8912, 0.1881, 0.2234

Sweetspot

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



38.8932, 0.4494, 0.3274



75.7849, 0.3405, 0.3285



44.0544, 0.3165, 0.2096



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.



38.8932, 0.4494, 0.3274



32.3313, 0.4950, 0.3273



59.8797, 0.4169, 0.3914



17.9917, 0.3292, 0.3287



11.1154, 0.6385, 0.3291



1.0838, 0.6347, 0.3270

Inverse Universe

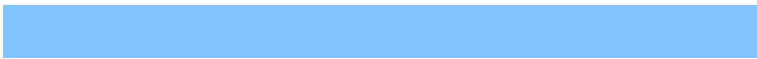
The Inverse Universe completely reimagines the original color for something new.



38.8932, 0.4494, 0.3274



32.3313, 0.4950, 0.3273



50.8117, 0.2341, 0.2548



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 38.8912, 0.4494, 0.3274 looks on a white background.

Color Contrast Check

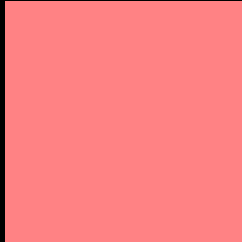
Large Text (above 18pt) WCAG AA × Fail

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 38.8912, 0.4494, 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 38.8912, 0.4494, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 38.8912, 0.4494, 0.3274.



This preview shows how white text looks on a background with the Yxy color 38.8912, 0.4494, 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

38.8912, 0.4494, 0.3274

Protanopia

38.9534, 0.3352, 0.3529

Deuteranopia

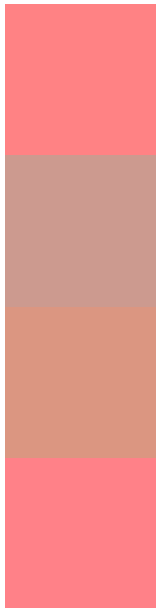
39.0278, 0.3818, 0.3738



Tritanopia

38.7955, 0.4430, 0.3202

Trichromacy



Original Color

38.8912, 0.4494, 0.3274

Protanomaly

37.9317, 0.3749, 0.3434

Deuteranomaly

38.4577, 0.4066, 0.3547

Tritanomaly

38.7381, 0.4453, 0.3222

Monochromacy



Original Color

38.8912, 0.4494, 0.3274

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.7571, 0.3585, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8912, 0.4494, 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, 130, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 132)  
}
```

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, 130, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.8912, 0.4494, 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, 130, 132) }
```

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

```
.border{ border-color:rgb(255, 130, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8912, 0.4494, 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, 130, 132) }
```

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

```
.background{ background-color: rgb(255,  
130, 132) }
```

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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