

Converting Colors

$Y_{xy}(38.2254, 0.4513, 0.3253)$

Have a look what the booklet for
Yxy(38.2254, 0.4513, 0.3253)
contains.

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Color

Yxy(38.3643, 0.4505, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	FF8084
RGB	255, 128, 132
RGB Percent	100%, 50%, 52%
CMY	0.0000, 0.4981, 0.4823
CMYK	0.00, 0.50, 0.48, 0.00
HSL	358°, 100%, 75%
HSV	358°, 50%, 100%
XYZ	53.1298, 38.3643, 26.4411
YIQ	166.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

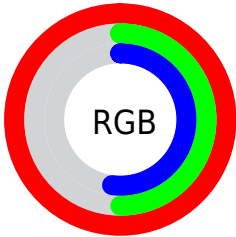
Format	Color
RYB	255, 128, 132
Decimal	16744580
CIELab	68.29, 48.57, 20.55
CIELCh	68, 52.735, 22.931
Yxy	38.3643, 0.4505, 0.3253
Android (android.graphics.Color)	4294934660 (0xFFFF8084)
YUV	166.4290, -16.9735, 77.6768
Hunter-Lab	61.9389, 44.7201, 18.0470

Details

The Yxy color **38.3643, 0.4505, 0.3253** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0721, 0.2491, 0.3334**, and the grayscale version is **38.4068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6298, 0.3734, 0.3271**, and **16.9914, 0.4924, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **31.9284, 0.4959, 0.3250**, and if you desaturate by 10%, it is **46.6287, 0.4108, 0.3259**.

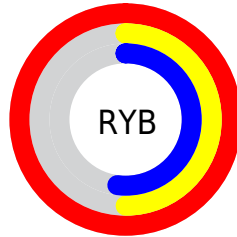
Distribution



Red (100%)

Green (50%)

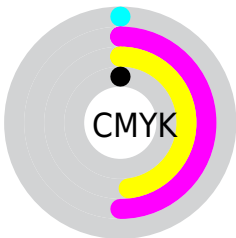
Blue (52%)



Red (100%)

Yellow (50%)

Blue (52%)

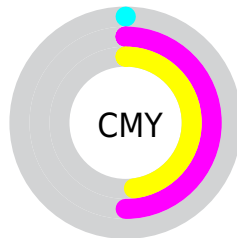


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3643, 0.4505, 0.3253 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 38.3643, 0.4505, 0.3253 by changing the saturation by 10% instead.


 38.3643, 0.4505,
0.3253


 38.3643, 0.4505,
0.3253


339.1801, 0.3789,
0.3303

 26.2656, 0.4689,
0.3230


 72.6662, 0.4240,
0.3279

 17.0224, 0.4927,
0.3193


 95.6381, 0.4142,
0.3287

 10.2505, 0.5244,
0.3134


 123.0032, 0.4059,
0.3292

 5.5653, 0.5683,
0.3029

155.1458, 0.3989,
0.3296

 2.5826, 0.6321,
0.2836

192.4505, 0.3928,
0.3298

 0.9179, 0.7489,
0.2511

235.3015, 0.3876,


 0.0000, 1.0000,

0.3301

0.0000


284.0832, 0.3830,
0.3302


 0.0000, 0.0000,
0.0000


 38.3643, 0.4505,
0.3253


 38.3643, 0.4505,
0.3253


 31.9284, 0.4959,
0.3250


 46.6287, 0.4108,
0.3259

 27.1857, 0.5436,
0.3252


 56.8503, 0.3778,
0.3267

 23.9759, 0.5876,
0.3261

 69.1414, 0.3510,
0.3275

 22.1097, 0.6204,
0.3275

 83.6073, 0.3295,
0.3283

 21.2895, 0.6376,
0.3287

100.0000, 0.3127,
0.3290

■ 21.2777, 0.6378,
0.3287

Harmonies

Analogous

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



38.3643, 0.3884, 0.2729



38.3643, 0.4505, 0.3253



38.3643, 0.4678, 0.3827

Triad

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



38.3643, 0.4505, 0.3253



38.3643, 0.3019, 0.4595



38.3643, 0.1941, 0.2155

Complementary

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



38.3643, 0.4505, 0.3253



83.0721, 0.2491, 0.3334

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.



38.3643, 0.1780, 0.2465



38.3643, 0.4505, 0.3253



38.3643, 0.2342, 0.3929

Square

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



38.3643, 0.4505, 0.3253



38.3643, 0.3766, 0.4718



38.3643, 0.1909, 0.3089



38.3643, 0.2382, 0.2124

Rectangle

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



38.3643, 0.4505, 0.3253



38.3643, 0.4525, 0.4201



38.3643, 0.1909, 0.3089



38.3643, 0.1856, 0.2225

Sweetspot

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



38.3631, 0.4505, 0.3253



75.8169, 0.3401, 0.3279



43.1225, 0.3146, 0.2072



15.5879, 0.3447, 0.3277



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.



38.3631, 0.4505, 0.3253



31.8211, 0.4968, 0.3250



58.4707, 0.4203, 0.3903



17.9964, 0.3290, 0.3283



11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Inverse Universe

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



38.3631, 0.4505, 0.3253



31.8211, 0.4968, 0.3250



51.1669, 0.2334, 0.2561



17.9964, 0.3290, 0.3283



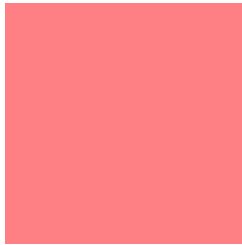
11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 38.3643, 0.4505, 0.3253 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 38.3643, 0.4505, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

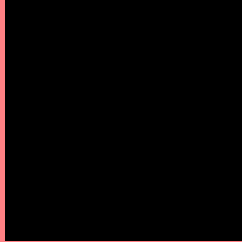
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3643, 0.4505, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 38.3643, 0.4505, 0.3253.



This preview shows how white text looks on a background with the Yxy color 38.3643, 0.4505, 0.3253.

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

38.3643, 0.4505, 0.3253

Protanopia

38.5055, 0.3336, 0.3502

Deuteranopia

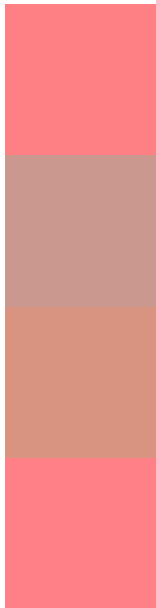
38.4097, 0.3802, 0.3729



Tritanopia

38.4759, 0.4458, 0.3212

Trichromacy



Original Color

38.3643, 0.4505, 0.3253

Protanomaly

37.1666, 0.3736, 0.3395

Deuteranomaly

37.5165, 0.4056, 0.3525

Tritanomaly

38.4476, 0.4470, 0.3222

Monochromacy



Original Color

38.3643, 0.4505, 0.3253

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.7953, 0.3581, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3643, 0.4505, 0.3253 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, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 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, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.3643, 0.4505, 0.3253 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, 128, 132) }
```

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

```
.border{ border-color:rgb(255, 128, 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, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3643, 0.4505, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 132) }
```

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

```
.background{ background-color: rgb(255,  
128, 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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