

Converting Colors

$Y_{xy}(43.1999, 0.4616, 0.3213)$

Have a look what the booklet for
Yxy(43.1999, 0.4616, 0.3213)
contains.

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Color

Yxy(38.7955, 0.4430, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	FF818A
RGB	255, 129, 138
RGB Percent	100%, 51%, 54%
CMY	0.0000, 0.4941, 0.4590
CMYK	0.00, 0.49, 0.46, 0.00
HSL	356°, 100%, 75%
HSV	356°, 49%, 100%
XYZ	53.6740, 38.7955, 28.6907
YIQ	167.7000, 72.2070, 29.5110

Conversions

Conversions Part 2

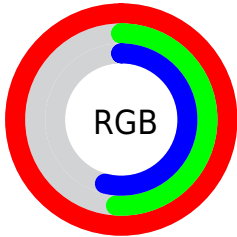
Format	Color
RYB	255, 129, 138
Decimal	16744842
CIELab	68.60, 48.61, 17.65
CIElCh	69, 51.717, 19.951
Yxy	38.7955, 0.4430, 0.3202
Android (android.graphics.Color)	4294934922 (0xFFFF818A)
YUV	167.7000, -14.6421, 76.5621
Hunter-Lab	62.2860, 44.8189, 16.2895

Details

The Yxy color **38.7955, 0.4430, 0.3202** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8408, 0.2516, 0.3391**, and the grayscale version is **39.0509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3026, 0.3679, 0.3219**, and **17.2061, 0.4833, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **32.2836, 0.4865, 0.3193**, and if you desaturate by 10%, it is **47.1368, 0.4053, 0.3218**.

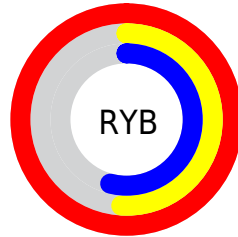
Distribution



Red (100%)

Green (51%)

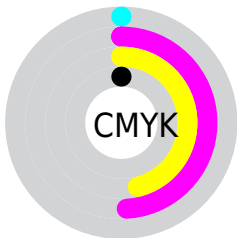
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

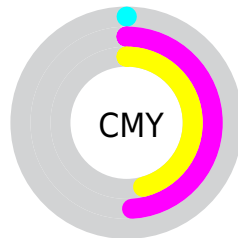


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7955, 0.4430, 0.3202 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 38.7955, 0.4430, 0.3202 by changing the saturation by 10% instead.


 38.7955, 0.4430,
0.3202


 38.7955, 0.4430,
0.3202


341.0203, 0.3754,
0.3273


 26.6007, 0.4604,
0.3175


 73.3258, 0.4180,
0.3234

 17.2735, 0.4829,
0.3136


 96.4301, 0.4087,
0.3245

 10.4297, 0.5131,
0.3074


 123.9396, 0.4009,
0.3252

 5.6848, 0.5551,
0.2970

156.2388, 0.3943,
0.3259

 2.6544, 0.6162,
0.2781

193.7121, 0.3886,
0.3263

 0.9541, 0.7467,
0.2533

236.7438, 0.3836,


 0.0000, 1.0000,


0.3267


0.0000


285.7184, 0.3792,
0.3271


 0.0000, 0.0000,
0.0000

 38.7955, 0.4430,
0.3202


 38.7955, 0.4430,
0.3202

 32.2836, 0.4865,
0.3193


 47.1368, 0.4053,
0.3218


 27.4583, 0.5331,
0.3194

 57.4245, 0.3739,
0.3236

 24.1653, 0.5774,
0.3208


 69.7727, 0.3485,
0.3255

 22.2195, 0.6127,
0.3236

 84.2852, 0.3281,
0.3274

 21.3406, 0.6337,
0.3268

99.9988, 0.3127,
0.3290

 21.3028, 0.6346,
0.3269

Harmonies

Analogous

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



38.7955, 0.3792, 0.2695



38.7955, 0.4430, 0.3202



38.7955, 0.4650, 0.3765

Triad

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



38.7955, 0.4430, 0.3202



38.7955, 0.3097, 0.4600



38.7955, 0.1935, 0.2195

Complementary

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



38.7955, 0.4430, 0.3202



82.8408, 0.2516, 0.3391

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.



38.7955, 0.1805, 0.2531



38.7955, 0.4430, 0.3202



38.7955, 0.2417, 0.3993

Square

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



38.7955, 0.4430, 0.3202



38.7955, 0.3824, 0.4669



38.7955, 0.1963, 0.3172



38.7955, 0.2342, 0.2139

Rectangle

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



38.7955, 0.4430, 0.3202



38.7955, 0.4531, 0.4134



38.7955, 0.1963, 0.3172



38.7955, 0.1861, 0.2274

Sweetspot

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



38.7975, 0.4430, 0.3202



75.8960, 0.3390, 0.3263



42.2462, 0.3091, 0.2060



15.6066, 0.3434, 0.3259



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.



38.7975, 0.4430, 0.3202



32.5150, 0.4846, 0.3193



56.0984, 0.4227, 0.3835



18.0080, 0.3283, 0.3273



11.1394, 0.6328, 0.3259



1.0916, 0.6165, 0.3170

Inverse Universe

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



38.7975, 0.4430, 0.3202



32.5150, 0.4846, 0.3193



54.3654, 0.2355, 0.2649



18.0080, 0.3283, 0.3273



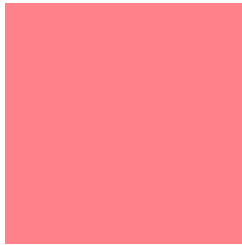
11.1394, 0.6328, 0.3259



1.0916, 0.6165, 0.3170

Previews

White Background



This preview shows how the Yxy color 38.7955, 0.4430, 0.3202 looks on a white background.

Color Contrast Check

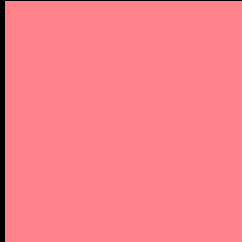
Large Text (above 18pt) WCAG AA × Fail

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 38.7955, 0.4430, 0.3202 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 38.7955, 0.4430, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 38.7955, 0.4430, 0.3202.



This preview shows how white text looks on a background with the Yxy color 38.7955, 0.4430, 0.3202.

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

38.7955, 0.4430, 0.3202

Protanopia

38.9560, 0.3271, 0.3431

Deuteranopia

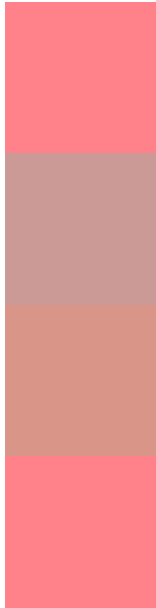
38.9190, 0.3740, 0.3662



Tritanopia

38.7955, 0.4430, 0.3202

Trichromacy



Original Color

38.7955, 0.4430, 0.3202

Protanomaly

37.6810, 0.3670, 0.3330

Deuteranomaly

37.9959, 0.3988, 0.3464

Tritanomaly

38.7955, 0.4430, 0.3202

Monochromacy



Original Color

38.7955, 0.4430, 0.3202

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8249, 0.3565, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7955, 0.4430, 0.3202 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 138) }
```

Border

The CSS property to change the border of an element to Yxy 38.7955, 0.4430, 0.3202 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, 138) }
```

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

```
.border{ border-color:rgb(255, 129, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7955, 0.4430, 0.3202 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, 138) }
```

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

```
.background{ background-color: rgb(255,  
129, 138) }
```

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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