

Converting Colors

Yxy(61.3619, 0.5177, 0.3248)

Have a look what the booklet for
Yxy(61.3619, 0.5177, 0.3248)
contains.

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Color

Yxy(38.4476, 0.4470, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	FF8087
RGB	255, 128, 135
RGB Percent	100%, 50%, 53%
CMY	0.0000, 0.4981, 0.4705
CMYK	0.00, 0.50, 0.47, 0.00
HSL	357°, 100%, 75%
HSV	357°, 50%, 100%
XYZ	53.3398, 38.4476, 27.5410
YIQ	166.7710, 73.4450, 29.1010

Conversions

Conversions Part 2

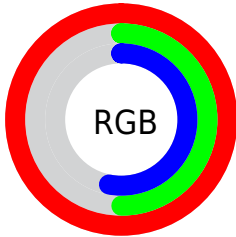
Format	Color
RYB	255, 128, 135
Decimal	16744583
CIELab	68.35, 48.85, 18.95
CIElCh	68, 52.392, 21.199
Yxy	38.4476, 0.4470, 0.3222
Android (android.graphics.Color)	4294934663 (0xFFFF8087)
YUV	166.7710, -15.6631, 77.3768
Hunter-Lab	62.0061, 45.0410, 17.0697

Details

The Yxy color **38.4476, 0.4470, 0.3222** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8833, 0.2504, 0.3369**, and the grayscale version is **38.5746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7578, 0.3708, 0.3239**, and **17.0228, 0.4891, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **32.0055, 0.4914, 0.3216**, and if you desaturate by 10%, it is **46.7100, 0.4083, 0.3234**.

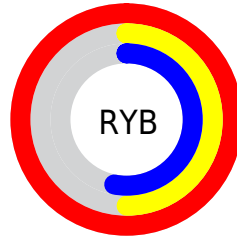
Distribution



Red (100%)

Green (50%)

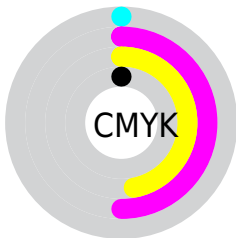
Blue (53%)



Red (100%)

Yellow (50%)

Blue (53%)

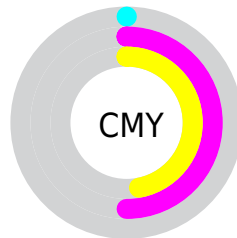


Cyan (0%)

Magenta (50%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4476, 0.4470, 0.3222 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 38.4476, 0.4470, 0.3222 by changing the saturation by 10% instead.


 38.4476, 0.4470,
0.3222


 38.4476, 0.4470,
0.3222


339.5362, 0.3772,
0.3285


 26.3303, 0.4650,
0.3196


 72.7937, 0.4212,
0.3252

 17.0709, 0.4882,
0.3157


 95.7912, 0.4116,
0.3261

 10.2850, 0.5193,
0.3095


 123.1843, 0.4036,
0.3268

 5.5884, 0.5624,
0.2990

155.3572, 0.3967,
0.3274

 2.5964, 0.6249,
0.2795

192.6945, 0.3908,
0.3278

 0.9249, 0.7494,
0.2506

235.5805, 0.3857,


 0.0000, 1.0000,


0.3281


0.0000


284.3996, 0.3812,
0.3283


 0.0000, 0.0000,
0.0000


 38.4476, 0.4470,
0.3222


 38.4476, 0.4470,
0.3222


 32.0055, 0.4914,
0.3216

 46.7100, 0.4083,
0.3234


 27.2519, 0.5385,
0.3217


 56.9231, 0.3761,
0.3248

 24.0269, 0.5826,
0.3230


 69.1977, 0.3500,
0.3262

 22.1427, 0.6166,
0.3253

 83.6382, 0.3291,
0.3277

 21.3040, 0.6358,
0.3277

100.0000, 0.3127,
0.3290

 21.2921, 0.6360,
0.3278

Harmonies

Analogous

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



38.4476, 0.3834, 0.2706



38.4476, 0.4470, 0.3222



38.4476, 0.4672, 0.3792

Triad

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



38.4476, 0.4470, 0.3222



38.4476, 0.3064, 0.4608



38.4476, 0.1931, 0.2172

Complementary

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



38.4476, 0.4470, 0.3222



82.8833, 0.2504, 0.3369

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.



38.4476, 0.1787, 0.2498



38.4476, 0.4470, 0.3222



38.4476, 0.2381, 0.3971

Square

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



38.4476, 0.4470, 0.3222



38.4476, 0.3803, 0.4698



38.4476, 0.1933, 0.3136



38.4476, 0.2354, 0.2126

Rectangle

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



38.4476, 0.4470, 0.3222



38.4476, 0.4537, 0.4165



38.4476, 0.1933, 0.3136



38.4476, 0.1852, 0.2247

Sweetspot

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



38.4455, 0.4470, 0.3222



75.8645, 0.3394, 0.3269



42.3448, 0.3109, 0.2058



15.5991, 0.3439, 0.3266



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.



38.4455, 0.4470, 0.3222



31.8990, 0.4922, 0.3216



56.6964, 0.4227, 0.3861



18.0034, 0.3286, 0.3277



11.1320, 0.6345, 0.3269



1.0894, 0.6215, 0.3197

Inverse Universe

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



38.4455, 0.4470, 0.3222



31.8990, 0.4922, 0.3216



53.0993, 0.2344, 0.2615



18.0034, 0.3286, 0.3277



11.1320, 0.6345, 0.3269



1.0894, 0.6215, 0.3197

Previews

White Background



This preview shows how the Yxy color 38.4476, 0.4470, 0.3222 looks on a white background.

Color Contrast Check

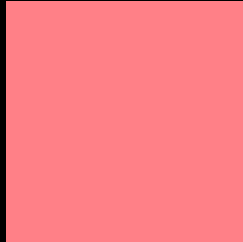
Large Text (above 18pt) WCAG AA × Fail

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 38.4476, 0.4470, 0.3222 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 38.4476, 0.4470, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 38.4476, 0.4470, 0.3222.



This preview shows how white text looks on a background with the Yxy color 38.4476, 0.4470, 0.3222.

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

38.4476, 0.4470, 0.3222

Protanopia

38.4898, 0.3299, 0.3459

Deuteranopia

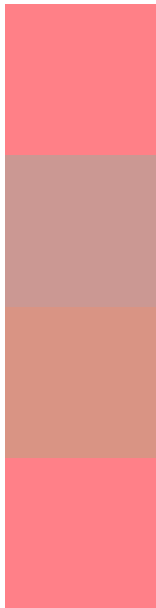
38.4891, 0.3773, 0.3689



Tritanopia

38.5045, 0.4447, 0.3202

Trichromacy



Original Color

38.4476, 0.4470, 0.3222

Protanomaly

37.2596, 0.3704, 0.3356

Deuteranomaly

37.5975, 0.4024, 0.3489

Tritanomaly

38.4759, 0.4458, 0.3212

Monochromacy



Original Color

38.4476, 0.4470, 0.3222

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.2911, 0.3578, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4476, 0.4470, 0.3222 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.4476, 0.4470, 0.3222 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, 135) }
```

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

```
.border{ border-color:rgb(255, 128, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4476, 0.4470, 0.3222 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
128, 135) }
```

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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