

Converting Colors

$Yxy(39.6539, 0.4578, 0.3247)$

Have a look what the booklet for
Yxy(39.6539, 0.4578, 0.3247)
contains.

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Color

Yxy(38.1047, 0.4511, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F84
RGB	255, 127, 132
RGB Percent	100%, 50%, 52%
CMY	0.0000, 0.5020, 0.4824
CMYK	0.00, 0.50, 0.48, 0.00
HSL	358°, 100%, 75%
HSV	358°, 50%, 100%
XYZ	53.0035, 38.1047, 26.3901
YIQ	165.8420, 74.6830, 28.6910

Conversions

Conversions Part 2

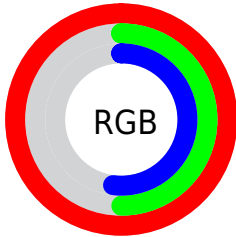
Format	Color
R _Y B	255, 127, 132
Decimal	16744324
CIE Lab	68.10, 49.06, 20.30
CIE LCh	68, 53.096, 22.476
Yxy	38.1047, 0.4511, 0.3243
Android (android.graphics.Color)	4294934404 (0xFFFF7F84)
YUV	165.8420, -16.6841, 78.1916
Hunter-Lab	61.7290, 45.2429, 17.8629

Details

The Yxy color **38.1047, 0.4511, 0.3243** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.9319, 0.2492, 0.3346**, and the grayscale version is **38.1020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2187, 0.3737, 0.3260**, and **16.8590, 0.4932, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **31.7335, 0.4963, 0.3239**, and if you desaturate by 10%, it is **46.2908, 0.4114, 0.3251**.

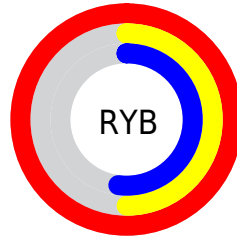
Distribution



Red (100%)

Green (50%)

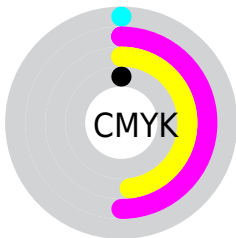
Blue (52%)



Red (100%)

Yellow (50%)

Blue (52%)

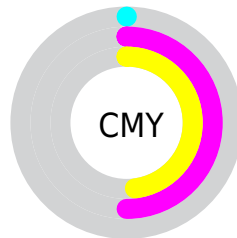


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1047, 0.4511, 0.3243 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 38.1047, 0.4511, 0.3243 by changing the saturation by 10% instead.


 38.1047, 0.4511,
0.3243


 38.1047, 0.4511,
0.3243


338.0689, 0.3791,
0.3298

 26.0640, 0.4696,
0.3218


 72.2686, 0.4244,
0.3271

 16.8715, 0.4936,
0.3180


 95.1605, 0.4146,
0.3279

 10.1429, 0.5256,
0.3118


 122.4383, 0.4063,
0.3285

 5.4938, 0.5698,
0.3011

154.4864, 0.3992,
0.3289

 2.5398, 0.6343,
0.2812

191.6890, 0.3931,
0.3293

 0.8965, 0.7521,
0.2479

234.4308, 0.3878,

 0.0000, 1.0000,

0.3295

0.0000

283.0959, 0.3832,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 38.1047, 0.4511,
0.3243

■ 38.1047, 0.4511,
0.3243

■ 31.7335, 0.4963,
0.3239

■ 46.2908, 0.4114,
0.3251

■ 27.0510, 0.5439,
0.3242

■ 56.4302, 0.3784,
0.3260

■ 23.8933, 0.5876,
0.3252

■ 68.6324, 0.3516,
0.3270

■ 22.0700, 0.6203,
0.3269

■ 83.0025, 0.3302,
0.3280

■ 21.2819, 0.6373,
0.3285

■ 99.6386, 0.3130,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



38.1047, 0.3879, 0.2717



38.1047, 0.4511, 0.3243



38.1047, 0.4693, 0.3821

Triad

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



38.1047, 0.4511, 0.3243



38.1047, 0.3028, 0.4615



38.1047, 0.1927, 0.2149

Complementary

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



38.1047, 0.4511, 0.3243



82.9319, 0.2492, 0.3346

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.



38.1047, 0.1770, 0.2464



38.1047, 0.4511, 0.3243



38.1047, 0.2343, 0.3948

Square

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



38.1047, 0.4511, 0.3243



38.1047, 0.3781, 0.4728



38.1047, 0.1904, 0.3098



38.1047, 0.2367, 0.2114

Rectangle

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



38.1047, 0.4511, 0.3243



38.1047, 0.4542, 0.4198



38.1047, 0.1904, 0.3098



38.1047, 0.1843, 0.2220

Sweetspot

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



38.1002, 0.4511, 0.3243



75.8319, 0.3399, 0.3276



42.4605, 0.3128, 0.2057



15.5914, 0.3445, 0.3274



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.



38.1002, 0.4511, 0.3243



31.8453, 0.4954, 0.3239



57.3187, 0.4226, 0.3886



17.9986, 0.3288, 0.3281



11.1252, 0.6361, 0.3278



1.0871, 0.6268, 0.3227

Inverse Universe

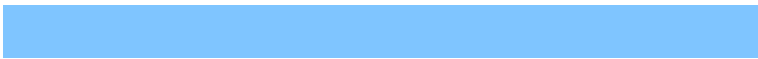
The Inverse Universe completely reimagines the original color for something new.



38.1002, 0.4511, 0.3243



31.8453, 0.4954, 0.3239



51.8416, 0.2333, 0.2581



17.9986, 0.3288, 0.3281



11.1252, 0.6361, 0.3278



1.0871, 0.6268, 0.3227

Previews

White Background



This preview shows how the Yxy color 38.1047, 0.4511, 0.3243 looks on a white background.

Color Contrast Check

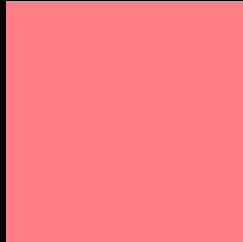
Large Text (above 18pt) WCAG AA × Fail

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 38.1047, 0.4511, 0.3243 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 38.1047, 0.4511, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 38.1047, 0.4511, 0.3243.



This preview shows how white text looks on a background with the Yxy color 38.1047, 0.4511, 0.3243.

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

38.1047, 0.4511, 0.3243

Protanopia

38.3910, 0.3326, 0.3502

Deuteranopia

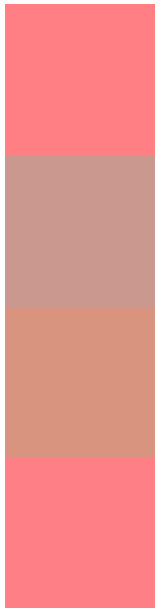
38.3837, 0.3812, 0.3742



Tritanopia

38.1880, 0.4475, 0.3212

Trichromacy



Original Color

38.1047, 0.4511, 0.3243

Protanomaly

37.1666, 0.3736, 0.3395

Deuteranomaly

37.4900, 0.4067, 0.3538

Tritanomaly

38.1600, 0.4487, 0.3223

Monochromacy



Original Color

38.1047, 0.4511, 0.3243

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 38.1047, 0.4511, 0.3243 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, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 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, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.1047, 0.4511, 0.3243 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, 127, 132) }
```

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

```
.border{ border-color:rgb(255, 127, 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, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1047, 0.4511, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 132) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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