

Converting Colors

Yxy(51.0680, 0.3844, 0.3134)

Have a look what the booklet for
Yxy(51.0680, 0.3844, 0.3134)
contains.

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Color

Yxy(51.0656, 0.3846, 0.3134)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA4B3 |
| RGB | 255, 164, 179 |
| RGB Percent | 100%, 64%, 70% |
| CMY | 0.0000, 0.3569, 0.2980 |
| CMYK | 0.00, 0.36, 0.30, 0.00 |
| HSL | 350°, 100%, 82% |
| HSV | 350°, 36%, 100% |
| XYZ | 62.6670, 51.0656, 49.2081 |
| YIQ | 192.9190, 49.4210, 23.9570 |

Conversions

Conversions Part 2

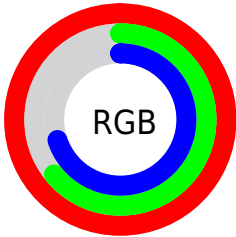
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 164, 179 |
| Decimal | 16753843 |
| CIE Lab | 76.72, 35.53, 6.38 |
| CIE LCh | 77, 36.099, 10.177 |
| Yxy | 51.0656, 0.3846, 0.3134 |
| Android (android.graphics.Color) | 4294943923 (0xFFFFA4B3) |
| YUV | 192.9190, -6.8621, 54.4450 |
| Hunter-Lab | 71.4602, 31.4801, 9.1946 |

Details

The Yxy color **51.0656, 0.3846, 0.3134** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.6994, 0.2694, 0.3457**, and the grayscale version is **53.2898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4446, 0.3277, 0.3142**, and **24.6110, 0.4046, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **42.0337, 0.4160, 0.3092**, and if you desaturate by 10%, it is **62.0456, 0.3587, 0.3179**.

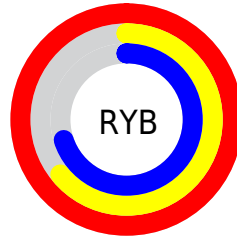
Distribution



Red (100%)

Green (64%)

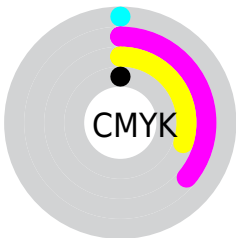
Blue (70%)



Red (100%)

Yellow (64%)

Blue (70%)

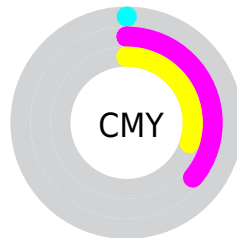


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0656, 0.3846, 0.3134 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 51.0656, 0.3846, 0.3134 by changing the saturation by 10% instead.


 51.0656, 0.3846,
0.3134


 51.0656, 0.3846,
0.3134

390.8186, 0.3490,
0.3216

 36.2608, 0.3934,
0.3112


 91.7517, 0.3717,
0.3165

 24.6357, 0.4045,
0.3084


 118.4019, 0.3669,
0.3176

 15.8058, 0.4192,
0.3045


149.7693, 0.3628,
0.3186

 9.3869, 0.4394,
0.2990

186.2383, 0.3592,
0.3194

 4.9944, 0.4686,
0.2904

228.1933, 0.3562,
0.3201

 2.2440, 0.5145,
0.2759

276.0188, 0.3535,

 0.7438, 0.6200,

0.3207

0.2552

330.0991, 0.3511,
0.3212

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0656, 0.3846,
0.3134

51.0656, 0.3846,
0.3134

42.0337, 0.4160,
0.3092

62.0456, 0.3587,
0.3179

34.8555, 0.4530,
0.3059

75.1018, 0.3377,
0.3224

29.3954, 0.4947,
0.3043

90.3259, 0.3208,
0.3267

25.5086, 0.5380,
0.3051

100.0000, 0.3127,
0.3290

■ 23.0263, 0.5781,
0.3091

■ 21.7404, 0.6095,
0.3157

■ 21.4280, 0.6197,
0.3187

Harmonies

Analogous

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



51.0656, 0.3398, 0.2799



51.0656, 0.3846, 0.3134



51.0656, 0.4088, 0.3521

Triad

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



51.0656, 0.3846, 0.3134



51.0656, 0.3293, 0.4148



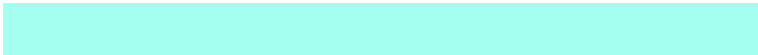
51.0656, 0.2275, 0.2627

Complementary

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



51.0656, 0.3846, 0.3134



85.6994, 0.2694, 0.3457

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.



51.0656, 0.2253, 0.2937



51.0656, 0.3846, 0.3134



51.0656, 0.2816, 0.3868

Square

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



51.0656, 0.3846, 0.3134



51.0656, 0.3746, 0.4136



51.0656, 0.2442, 0.3398



51.0656, 0.2501, 0.2509

Rectangle

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



51.0656, 0.3846, 0.3134



51.0656, 0.4091, 0.3773



51.0656, 0.2442, 0.3398



51.0656, 0.2244, 0.2710

Sweetspot

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



51.0584, 0.3846, 0.3134



81.9734, 0.3293, 0.3245



52.2587, 0.3046, 0.2369



17.1103, 0.3317, 0.3239



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.



51.0584, 0.3846, 0.3134



44.2789, 0.4069, 0.3103



62.6652, 0.3876, 0.3609



18.0360, 0.3268, 0.3251



11.2109, 0.6165, 0.3170



1.1047, 0.5886, 0.3016

Inverse Universe

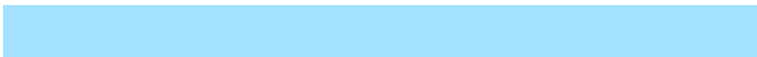
The Inverse Universe completely reimagines the original color for something new.



51.0584, 0.3846, 0.3134



44.2789, 0.4069, 0.3103



68.7767, 0.2576, 0.2943



18.0360, 0.3268, 0.3251



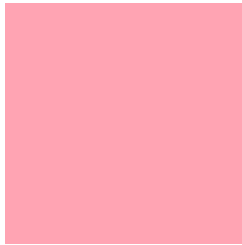
11.2109, 0.6165, 0.3170



1.1047, 0.5886, 0.3016

Previews

White Background



This preview shows how the Yxy color 51.0656, 0.3846, 0.3134 looks on a white background.

Color Contrast Check

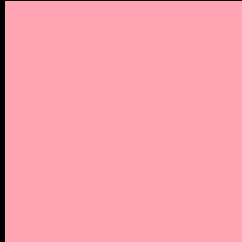
Large Text (above 18pt) WCAG AA × Fail

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 51.0656, 0.3846, 0.3134 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 51.0656, 0.3846, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 51.0656, 0.3846, 0.3134.



This preview shows how white text looks on a background with the Yxy color 51.0656, 0.3846, 0.3134.

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

51.0656, 0.3846, 0.3134

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

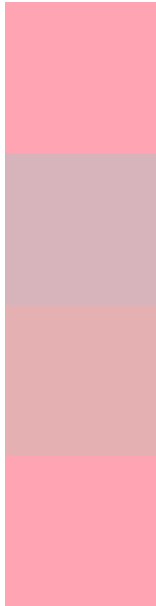
51.1477, 0.3445, 0.3375



Tritanopia

50.9852, 0.3865, 0.3155

Trichromacy



Original Color

51.0656, 0.3846, 0.3134

Protanomaly

50.7204, 0.3366, 0.3196

Deuteranomaly

50.7190, 0.3586, 0.3280

Tritanomaly

51.0253, 0.3855, 0.3145

Monochromacy



Original Color

51.0656, 0.3846, 0.3134

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.6857, 0.3372, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0656, 0.3846, 0.3134 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, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 179)  
}
```

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, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.0656, 0.3846, 0.3134 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, 164, 179) }
```

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

```
.border{ border-color:rgb(255, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0656, 0.3846, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 179) }
```

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

```
.background{ background-color: rgb(255,  
164, 179) }
```

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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