

Converting Colors

$Y_{xy}(50.8049, 0.3856, 0.3137)$

Have a look what the booklet for
Yxy(50.8049, 0.3856, 0.3137)
contains.

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Color

Yxy(50.6687, 0.3858, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B2
RGB	255, 163, 178
RGB Percent	100%, 64%, 70%
CMY	0.0000, 0.3608, 0.3018
CMYK	0.00, 0.36, 0.30, 0.00
HSL	350°, 100%, 82%
HSV	350°, 36%, 100%
XYZ	62.3739, 50.6687, 48.6316
YIQ	192.2180, 50.0170, 24.1690

Conversions

Conversions Part 2

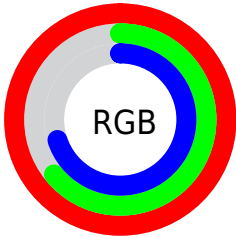
Format	Color
R _Y B	255, 163, 178
Decimal	16753586
CIE Lab	76.48, 35.89, 6.57
CIE LCh	76, 36.486, 10.366
Yxy	50.6687, 0.3858, 0.3134
Android (android.graphics.Color)	4294943666 (0xFFFFA3B2)
YUV	192.2180, -7.0095, 55.0598
Hunter-Lab	71.1819, 31.8440, 9.3204

Details

The Yxy color **50.6687, 0.3858, 0.3134** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5913, 0.2689, 0.3457**, and the grayscale version is **52.8687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8635, 0.3285, 0.3141**, and **24.3683, 0.4065, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **41.7187, 0.4175, 0.3093**, and if you desaturate by 10%, it is **61.5822, 0.3597, 0.3179**.

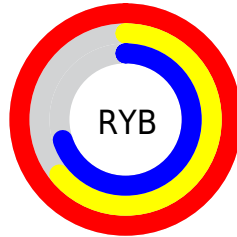
Distribution



Red (100%)

Green (64%)

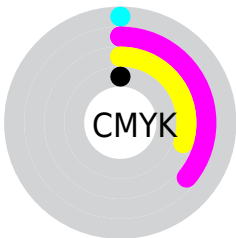
Blue (70%)



Red (100%)

Yellow (64%)

Blue (70%)

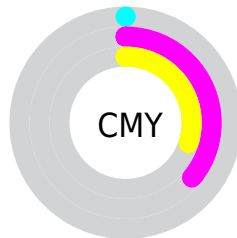


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6687, 0.3858, 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 50.6687, 0.3858, 0.3134 by changing the saturation by 10% instead.

 50.6687, 0.3858,
0.3134


 50.6687, 0.3858,
0.3134

389.2752, 0.3495,
0.3217

 35.9450, 0.3947,
0.3112

 91.1649, 0.3727,
0.3165

 24.3917, 0.4061,
0.3083


 117.7061, 0.3678,
0.3176

 15.6245, 0.4211,
0.3044


148.9554, 0.3636,
0.3186

 9.2588, 0.4417,
0.2988

185.2970, 0.3600,
0.3194

 4.9104, 0.4717,
0.2901

227.1154, 0.3568,
0.3201

 2.1948, 0.5187,
0.2752

274.7950, 0.3541,

 0.7171, 0.6314,

0.3207

0.2544

328.7201, 0.3517,
0.3212

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6687, 0.3858,
0.3134

50.6687, 0.3858,
0.3134

41.7187, 0.4175,
0.3093

61.5822, 0.3597,
0.3179

34.6085, 0.4549,
0.3061

74.5588, 0.3385,
0.3223

29.2115, 0.4967,
0.3046

89.7001, 0.3214,
0.3266

25.3822, 0.5401,
0.3055

99.9986, 0.3127,
0.3290

■ 22.9507, 0.5800,
0.3096

■ 21.7066, 0.6108,
0.3163

■ 21.4234, 0.6200,
0.3189

Harmonies

Analogous

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



50.6687, 0.3405, 0.2795



50.6687, 0.3858, 0.3134



50.6687, 0.4102, 0.3526

Triad

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



50.6687, 0.3858, 0.3134



50.6687, 0.3291, 0.4160



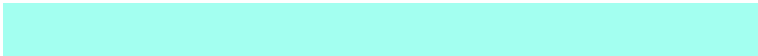
50.6687, 0.2265, 0.2617

Complementary

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



50.6687, 0.3858, 0.3134



85.5913, 0.2689, 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.



50.6687, 0.2242, 0.2930



50.6687, 0.3858, 0.3134



50.6687, 0.2809, 0.3873

Square

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



50.6687, 0.3858, 0.3134



50.6687, 0.3751, 0.4148



50.6687, 0.2432, 0.3395



50.6687, 0.2495, 0.2500

Rectangle

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



50.6687, 0.3858, 0.3134



50.6687, 0.4103, 0.3780



50.6687, 0.2432, 0.3395



50.6687, 0.2233, 0.2700

Sweetspot

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



50.6711, 0.3858, 0.3134



81.9706, 0.3294, 0.3245



51.8823, 0.3045, 0.2359



17.1096, 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.



50.6711, 0.3858, 0.3134



44.2719, 0.4071, 0.3105



62.3393, 0.3887, 0.3613



18.0355, 0.3269, 0.3251



11.2091, 0.6169, 0.3172



1.1045, 0.5891, 0.3019

Inverse Universe

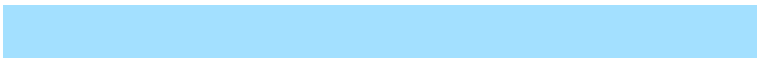
The Inverse Universe completely reimagines the original color for something new.



50.6711, 0.3858, 0.3134



44.2719, 0.4071, 0.3105



68.4958, 0.2570, 0.2939



18.0355, 0.3269, 0.3251



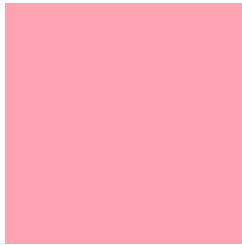
11.2091, 0.6169, 0.3172



1.1045, 0.5891, 0.3019

Previews

White Background



This preview shows how the Yxy color 50.6687, 0.3858, 0.3134 looks on a white background.

Color Contrast Check

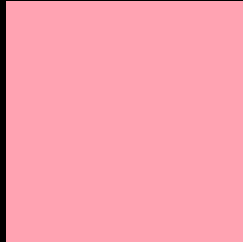
Large Text (above 18pt) WCAG AA × Fail

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 50.6687, 0.3858, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

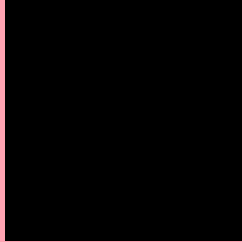
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6687, 0.3858, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 50.6687, 0.3858, 0.3134.



This preview shows how white text looks on a background with the Yxy color 50.6687, 0.3858, 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

50.6687, 0.3858, 0.3134

Protanopia

50.8486, 0.3121, 0.3240

Deuteranopia

50.6972, 0.3456, 0.3375



Tritanopia

50.5890, 0.3878, 0.3155

Trichromacy



Original Color

50.6687, 0.3858, 0.3134



Protanomaly

50.1242, 0.3368, 0.3196



Deuteranomaly

50.2885, 0.3598, 0.3280



Tritanomaly

50.6287, 0.3868, 0.3145

Monochromacy



Original Color

50.6687, 0.3858, 0.3134



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.0827, 0.3373, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6687, 0.3858, 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, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 178)  
}
```

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, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.6687, 0.3858, 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, 163, 178) }
```

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

```
.border{ border-color:rgb(255, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6687, 0.3858, 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, 163, 178) }
```

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

```
.background{ background-color: rgb(255,  
163, 178) }
```

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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