

Converting Colors

Yxy(51.4581, 0.3833, 0.3134)

Have a look what the booklet for
Yxy(51.4581, 0.3833, 0.3134)
contains.

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Color

Yxy(51.4656, 0.3833, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5B4
RGB	255, 165, 180
RGB Percent	100%, 65%, 71%
CMY	0.0000, 0.3530, 0.2940
CMYK	0.00, 0.35, 0.29, 0.00
HSL	350°, 100%, 82%
HSV	350°, 35%, 100%
XYZ	62.9444, 51.4656, 49.8070
YIQ	193.6200, 48.8250, 23.7450

Conversions

Conversions Part 2

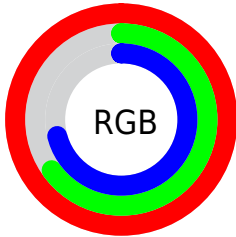
Format	Color
R _Y B	255, 165, 180
Decimal	16754100
CIE Lab	76.96, 35.13, 6.17
CIE LCh	77, 35.670, 9.968
Yxy	51.4656, 0.3833, 0.3134
Android (android.graphics.Color)	4294944180 (0xFFFFA5B4)
YUV	193.6200, -6.7147, 53.8303
Hunter-Lab	71.7395, 31.0720, 9.0541

Details

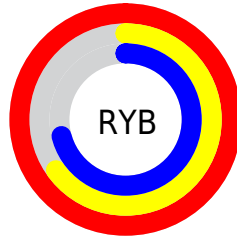
The Yxy color **51.4656, 0.3833, 0.3134** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8071, 0.2699, 0.3457**, and the grayscale version is **53.7268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0290, 0.3269, 0.3142**, and **24.8564, 0.4028, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **42.3620, 0.4144, 0.3091**, and if you desaturate by 10%, it is **62.5274, 0.3577, 0.3180**.

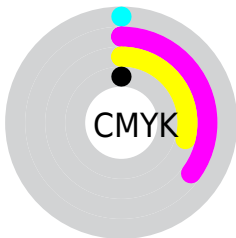
Distribution



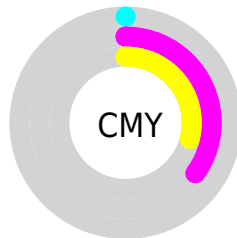
- Red (100%)
- Green (65%)
- Blue (71%)



- Red (100%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4656, 0.3833, 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 51.4656, 0.3833, 0.3134 by changing the saturation by 10% instead.


 51.4656, 0.3833,
0.3134


 51.4656, 0.3833,
0.3134


392.3700, 0.3484,
0.3216

 36.5793, 0.3919,
0.3112


 92.3426, 0.3707,
0.3165

 24.8819, 0.4028,
0.3084


 119.1022, 0.3660,
0.3176

 15.9891, 0.4172,
0.3046


150.5882, 0.3619,
0.3185

 9.5164, 0.4368,
0.2991

187.1851, 0.3584,
0.3193

 5.0795, 0.4654,
0.2908

229.2774, 0.3554,
0.3200

 2.2940, 0.5101,
0.2766

277.2494, 0.3528,

 0.7705, 0.6089,

0.3206

0.2559

331.4855, 0.3505,
0.3211

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4656, 0.3833,
0.3134

51.4656, 0.3833,
0.3134

42.3620, 0.4144,
0.3091

62.5274, 0.3577,
0.3180

35.1132, 0.4511,
0.3058

75.6657, 0.3369,
0.3225

29.5875, 0.4926,
0.3040

90.9750, 0.3202,
0.3268

25.6408, 0.5358,
0.3047

100.0000, 0.3127,
0.3290

■ 23.1056, 0.5762,
0.3086

■ 21.7758, 0.6080,
0.3152

■ 21.4314, 0.6193,
0.3185

Harmonies

Analogous

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



51.4656, 0.3391, 0.2804



51.4656, 0.3833, 0.3134



51.4656, 0.4074, 0.3516

Triad

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



51.4656, 0.3833, 0.3134



51.4656, 0.3294, 0.4136



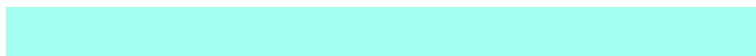
51.4656, 0.2285, 0.2638

Complementary

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



51.4656, 0.3833, 0.3134



85.8071, 0.2699, 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.



51.4656, 0.2265, 0.2946



51.4656, 0.3833, 0.3134



51.4656, 0.2824, 0.3861

Square

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



51.4656, 0.3833, 0.3134



51.4656, 0.3740, 0.4123



51.4656, 0.2454, 0.3400



51.4656, 0.2508, 0.2520

Rectangle

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



51.4656, 0.3833, 0.3134



51.4656, 0.4078, 0.3765



51.4656, 0.2454, 0.3400



51.4656, 0.2255, 0.2720

Sweetspot

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



51.4615, 0.3833, 0.3134



81.9763, 0.3293, 0.3244



52.3888, 0.3035, 0.2376



17.1110, 0.3316, 0.3238



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.



51.4615, 0.3833, 0.3134



45.1539, 0.4035, 0.3105



62.3334, 0.3871, 0.3590



18.0366, 0.3268, 0.3251



11.2128, 0.6161, 0.3168



1.1050, 0.5881, 0.3013

Inverse Universe

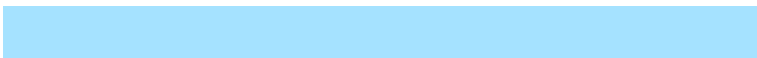
The Inverse Universe completely reimagines the original color for something new.



51.4615, 0.3833, 0.3134



45.1539, 0.4035, 0.3105



69.8806, 0.2584, 0.2965



18.0366, 0.3268, 0.3251



11.2128, 0.6161, 0.3168



1.1050, 0.5881, 0.3013

Previews

White Background



This preview shows how the Yxy color 51.4656, 0.3833, 0.3134 looks on a white background.

Color Contrast Check

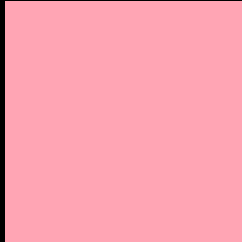
Large Text (above 18pt) WCAG AA × Fail

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 51.4656, 0.3833, 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 51.4656, 0.3833, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 51.4656, 0.3833, 0.3134.



This preview shows how white text looks on a background with the Yxy color 51.4656, 0.3833, 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

51.4656, 0.3833, 0.3134

Protanopia

51.6277, 0.3122, 0.3228

Deuteranopia

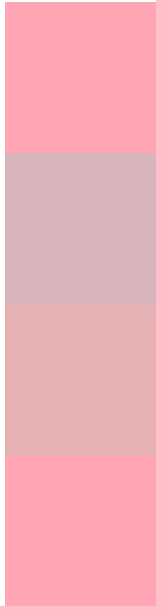
51.7514, 0.3443, 0.3375



Tritanopia

51.3846, 0.3852, 0.3155

Trichromacy



Original Color

51.4656, 0.3833, 0.3134

Protanomaly

50.9156, 0.3367, 0.3185

Deuteranomaly

51.3166, 0.3584, 0.3280

Tritanomaly

51.4249, 0.3842, 0.3145

Monochromacy



Original Color

51.4656, 0.3833, 0.3134

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.1400, 0.3362, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4656, 0.3833, 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, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 180)  
}
```

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, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 180) }
```

Border

The CSS property to change the border of an element to Yxy 51.4656, 0.3833, 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, 165, 180) }
```

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

```
.border{ border-color:rgb(255, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4656, 0.3833, 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, 165, 180) }
```

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

```
.background{ background-color: rgb(255,  
165, 180) }
```

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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