

Converting Colors

Yxy(51.3446, 0.3862, 0.3166)

Have a look what the booklet for
Yxy(51.3446, 0.3862, 0.3166)
contains.

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Color

Yxy(51.3446, 0.3862, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5B1
RGB	255, 165, 177
RGB Percent	100%, 65%, 69%
CMY	0.0000, 0.3529, 0.3059
CMYK	0.00, 0.35, 0.31, 0.00
HSL	352°, 100%, 82%
HSV	352°, 35%, 100%
XYZ	62.6320, 51.3446, 48.1984
YIQ	193.2780, 49.7880, 22.8120

Conversions

Conversions Part 2

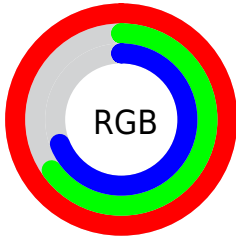
Format	Color
R_{YB}	255, 165, 177
Decimal	16754097
CIE _{Lab}	76.89, 34.72, 7.73
CIE _{LCh}	77, 35.573, 12.544
Yxy	51.3446, 0.3862, 0.3166
Android (android.graphics.Color)	4294944177 (0xFFFFA5B1)
YUV	193.2780, -8.0251, 54.1302
Hunter-Lab	71.6551, 30.6259, 10.2775

Details

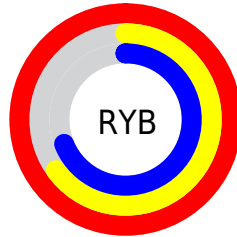
The Yxy color **51.3446, 0.3862, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9917, 0.2684, 0.3422**, and the grayscale version is **53.5265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8561, 0.3290, 0.3171**, and **24.8048, 0.4055, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **42.2343, 0.4187, 0.3133**, and if you desaturate by 10%, it is **62.4336, 0.3595, 0.3202**.

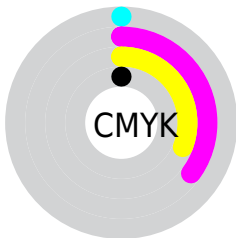
Distribution



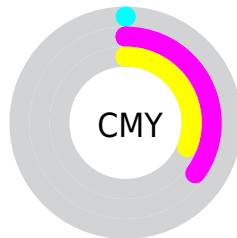
- Red (100%)
- Green (65%)
- Blue (69%)



- Red (100%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3446, 0.3862, 0.3166 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 51.3446, 0.3862, 0.3166 by changing the saturation by 10% instead.


 51.3446, 0.3862,
0.3166


 51.3446, 0.3862,
0.3166


391.9011, 0.3498,
0.3234

 36.4829, 0.3952,
0.3148

 92.1639, 0.3731,
0.3192

 24.8074, 0.4066,
0.3123


 118.8904, 0.3681,
0.3201

 15.9336, 0.4216,
0.3089


150.3406, 0.3639,
0.3209

 9.4772, 0.4422,
0.3040

186.8989, 0.3603,
0.3215

 5.0537, 0.4720,
0.2963

228.9497, 0.3571,
0.3221

 2.2788, 0.5187,
0.2828

276.8774, 0.3544,

 0.7625, 0.6316,

0.3226

0.2669

331.0664, 0.3519,
0.3230

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3446, 0.3862,
0.3166

51.3446, 0.3862,
0.3166

42.2343, 0.4187,
0.3133

62.4336, 0.3595,
0.3202

34.9830, 0.4571,
0.3107

75.6049, 0.3378,
0.3238

29.4631, 0.5002,
0.3095

90.9588, 0.3205,
0.3273

25.5296, 0.5447,
0.3104

100.0000, 0.3127,
0.3290

■ 23.0136, 0.5852,
0.3138

■ 21.7077, 0.6157,
0.3195

■ 21.3753, 0.6259,
0.3222

Harmonies

Analogous

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



51.3446, 0.3432, 0.2829



51.3446, 0.3862, 0.3166



51.3446, 0.4080, 0.3549

Triad

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



51.3446, 0.3862, 0.3166



51.3446, 0.3253, 0.4122



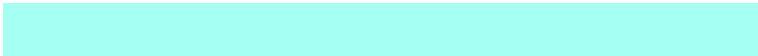
51.3446, 0.2298, 0.2622

Complementary

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



51.3446, 0.3862, 0.3166



85.9917, 0.2684, 0.3422

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.



51.3446, 0.2260, 0.2913



51.3446, 0.3862, 0.3166



51.3446, 0.2788, 0.3825

Square

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



51.3446, 0.3862, 0.3166



51.3446, 0.3705, 0.4133



51.3446, 0.2431, 0.3358



51.3446, 0.2537, 0.2520

Rectangle

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



51.3446, 0.3862, 0.3166



51.3446, 0.4068, 0.3794



51.3446, 0.2431, 0.3358



51.3446, 0.2262, 0.2698

Sweetspot

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



51.3457, 0.3862, 0.3166



81.9226, 0.3299, 0.3253



53.1866, 0.3071, 0.2386



17.0983, 0.3323, 0.3249



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.



51.3457, 0.3862, 0.3166



45.0229, 0.4073, 0.3143



64.3661, 0.3854, 0.3636



18.0264, 0.3273, 0.3259



11.1810, 0.6232, 0.3207



1.1002, 0.5977, 0.3066

Inverse Universe

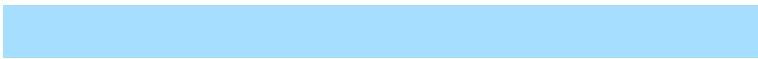
The Inverse Universe completely reimagines the original color for something new.



51.3457, 0.3862, 0.3166



45.0229, 0.4073, 0.3143



67.4631, 0.2577, 0.2912



18.0264, 0.3273, 0.3259



11.1810, 0.6232, 0.3207



1.1002, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 51.3446, 0.3862, 0.3166 looks on a white background.

Color Contrast Check

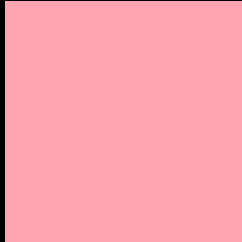
Large Text (above 18pt) WCAG AA × Fail

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 51.3446, 0.3862, 0.3166 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 51.3446, 0.3862, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 51.3446, 0.3862, 0.3166.



This preview shows how white text looks on a background with the Yxy color 51.3446, 0.3862, 0.3166.

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

51.3446, 0.3862, 0.3166

Protanopia

51.4504, 0.3152, 0.3278

Deuteranopia

51.3700, 0.3480, 0.3398



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.3446, 0.3862, 0.3166



Protanomaly

50.7442, 0.3401, 0.3232



Deuteranomaly

50.9688, 0.3622, 0.3303



Tritanomaly

51.3446, 0.3862, 0.3166

Monochromacy



Original Color

51.3446, 0.3862, 0.3166



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.0538, 0.3379, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3446, 0.3862, 0.3166 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.3446, 0.3862, 0.3166 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, 177) }
```

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

```
.border{ border-color:rgb(255, 165, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3446, 0.3862, 0.3166 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
165, 177) }
```

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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