

Converting Colors

$Y_{xy}(60.2295, 0.4154, 0.3204)$

Have a look what the booklet for
Yxy(60.2295, 0.4154, 0.3204)
contains.

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Color

Yxy(52.4796, 0.3843, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8B2
RGB	255, 168, 178
RGB Percent	100%, 66%, 70%
CMY	0.0000, 0.3412, 0.3020
CMYK	0.00, 0.34, 0.30, 0.00
HSL	353°, 100%, 83%
HSV	353°, 34%, 100%
XYZ	63.2818, 52.4796, 48.9063
YIQ	195.1530, 48.6420, 21.5540

Conversions

Conversions Part 2

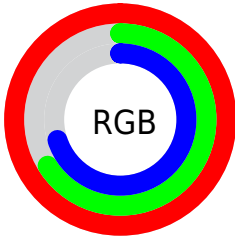
Format	Color
R _Y B	255, 168, 178
Decimal	16754866
CIE Lab	77.57, 33.29, 8.16
CIE LCh	78, 34.279, 13.763
Yxy	52.4796, 0.3843, 0.3187
Android (android.graphics.Color)	4294944946 (0xFFFFA8B2)
YUV	195.1530, -8.4564, 52.4858
Hunter-Lab	72.4428, 29.1523, 10.6831

Details

The Yxy color **52.4796, 0.3843, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4381, 0.2689, 0.3399**, and the grayscale version is **54.6969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5118, 0.3280, 0.3191**, and **25.4779, 0.4040, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **43.1356, 0.4169, 0.3158**, and if you desaturate by 10%, it is **63.8176, 0.3576, 0.3218**.

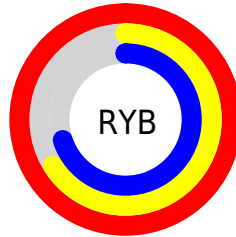
Distribution



Red (100%)

Green (66%)

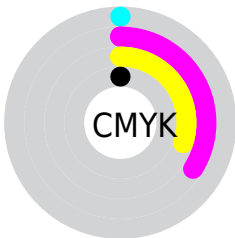
Blue (70%)



Red (100%)

Yellow (66%)

Blue (70%)

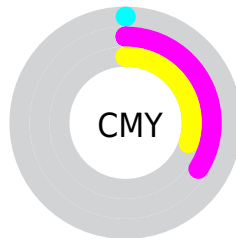


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4796, 0.3843, 0.3187 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 52.4796, 0.3843, 0.3187 by changing the saturation by 10% instead.

 52.4796, 0.3843,
0.3187

 52.4796, 0.3843,
0.3187


396.2853, 0.3489,
0.3244

 37.3875, 0.3930,
0.3171


 93.8382, 0.3716,
0.3209

 25.5077, 0.4040,
0.3150


 120.8734, 0.3668,
0.3217

 16.4557, 0.4184,
0.3121


152.6585, 0.3627,
0.3223

 9.8472, 0.4382,
0.3078

189.5778, 0.3591,
0.3229

 5.2977, 0.4668,
0.3010

232.0158, 0.3561,
0.3234

 2.4230, 0.5114,
0.2891

280.3568, 0.3534,

 0.8377, 0.6126,

0.3238

0.2751

334.9851, 0.3510,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4796, 0.3843,
0.3187

52.4796, 0.3843,
0.3187

43.1356, 0.4169,
0.3158

63.8176, 0.3576,
0.3218

35.6716, 0.4555,
0.3135

77.2578, 0.3361,
0.3249

29.9596, 0.4990,
0.3124

92.8982, 0.3188,
0.3279

25.8560, 0.5442,
0.3131

100.0000, 0.3127,
0.3290

■ 23.1946, 0.5855,
0.3160

■ 21.7728, 0.6166,
0.3209

■ 21.3501, 0.6289,
0.3238

Harmonies

Analogous

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



52.4796, 0.3439, 0.2859



52.4796, 0.3843, 0.3187



52.4796, 0.4041, 0.3556

Triad

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



52.4796, 0.3843, 0.3187



52.4796, 0.3231, 0.4077



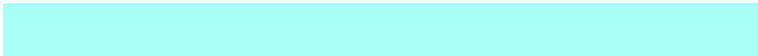
52.4796, 0.2336, 0.2642

Complementary

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



52.4796, 0.3843, 0.3187



86.4381, 0.2689, 0.3399

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.



52.4796, 0.2292, 0.2916



52.4796, 0.3843, 0.3187



52.4796, 0.2786, 0.3785

Square

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



52.4796, 0.3843, 0.3187



52.4796, 0.3667, 0.4101



52.4796, 0.2449, 0.3337



52.4796, 0.2574, 0.2550

Rectangle

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



52.4796, 0.3843, 0.3187



52.4796, 0.4023, 0.3789



52.4796, 0.2449, 0.3337



52.4796, 0.2299, 0.2714

Sweetspot

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



52.4790, 0.3843, 0.3187



83.4262, 0.3285, 0.3262



54.6107, 0.3086, 0.2419



17.3970, 0.3310, 0.3257



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.



52.4790, 0.3843, 0.3187



45.8413, 0.4060, 0.3167



66.0237, 0.3818, 0.3639



18.0210, 0.3276, 0.3263



11.1666, 0.6265, 0.3225



1.0977, 0.6031, 0.3096

Inverse Universe

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



52.4790, 0.3843, 0.3187



45.8413, 0.4060, 0.3167



67.6016, 0.2593, 0.2910



18.0210, 0.3276, 0.3263



11.1666, 0.6265, 0.3225



1.0977, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 52.4796, 0.3843, 0.3187 looks on a white background.

Color Contrast Check

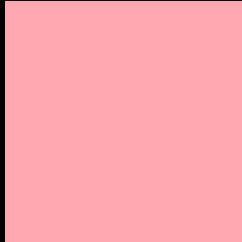
Large Text (above 18pt) WCAG AA × Fail

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 52.4796, 0.3843, 0.3187 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 52.4796, 0.3843, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 52.4796, 0.3843, 0.3187.



This preview shows how white text looks on a background with the Yxy color 52.4796, 0.3843, 0.3187.

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

52.4796, 0.3843, 0.3187

Protanopia

52.7590, 0.3168, 0.3290

Deuteranopia

52.5448, 0.3485, 0.3409



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.4796, 0.3843, 0.3187



Protanomaly

52.1639, 0.3396, 0.3256



Deuteranomaly

52.3637, 0.3614, 0.3326



Tritanomaly

52.5199, 0.3833, 0.3176

Monochromacy



Original Color

52.4796, 0.3843, 0.3187



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.1238, 0.3368, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4796, 0.3843, 0.3187 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, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 178) }
```

Border

The CSS property to change the border of an element to Yxy 52.4796, 0.3843, 0.3187 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, 168, 178) }
```

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

```
.border{ border-color:rgb(255, 168, 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, 168, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4796, 0.3843, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 178) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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