

Converting Colors

$Y_{xy}(52.1521, 0.3836, 0.3166)$

Have a look what the booklet for
Yxy(52.1521, 0.3836, 0.3166)
contains.

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Color

Yxy(52.1521, 0.3836, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7B3
RGB	255, 167, 179
RGB Percent	100%, 65%, 70%
CMY	0.0001, 0.3450, 0.2980
CMYK	0.00, 0.34, 0.30, 0.00
HSL	352°, 100%, 83%
HSV	352°, 34%, 100%
XYZ	63.1887, 52.1521, 49.3847
YIQ	194.6800, 48.5960, 22.3880

Conversions

Conversions Part 2

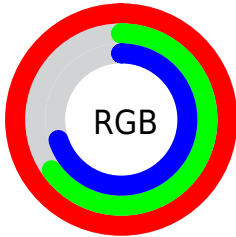
Format	Color
R_{YB}	255, 167, 179
Decimal	16754611
CIE _{Lab}	77.37, 33.92, 7.32
CIE _{LCh}	77, 34.702, 12.179
Yxy	52.1521, 0.3836, 0.3166
Android (android.graphics.Color)	4294944691 (0xFFFFA7B3)
YUV	194.6800, -7.7302, 52.9006
Hunter-Lab	72.2164, 29.8072, 10.0064

Details

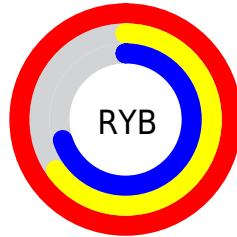
The Yxy color **52.1521, 0.3836, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1923, 0.2694, 0.3422**, and the grayscale version is **54.3998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0335, 0.3274, 0.3172**, and **25.2767, 0.4032, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **42.8929, 0.4155, 0.3131**, and if you desaturate by 10%, it is **63.4002, 0.3574, 0.3203**.

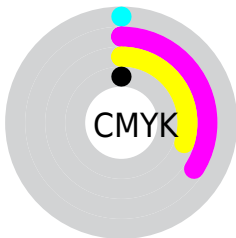
Distribution



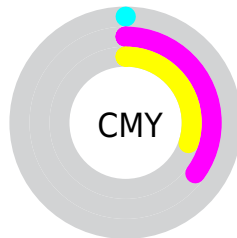
- Red (100%)
- Green (65%)
- Blue (70%)



- Red (100%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1521, 0.3836, 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 52.1521, 0.3836, 0.3166 by changing the saturation by 10% instead.


 52.1521, 0.3836,
0.3166


 52.1521, 0.3836,
0.3166

395.0235, 0.3486,
0.3233

 37.1263, 0.3922,
0.3148


 93.3555, 0.3710,
0.3191

 25.3053, 0.4031,
0.3124


 120.3019, 0.3662,
0.3201

 16.3047, 0.4175,
0.3092


151.9907, 0.3622,
0.3208

 9.7400, 0.4371,
0.3044

188.8062, 0.3587,
0.3215

 5.2269, 0.4656,
0.2970

231.1329, 0.3557,
0.3220

 2.3810, 0.5100,
0.2843

279.3550, 0.3530,

 0.8161, 0.6089,

0.3225

0.2676

333.8571, 0.3507,
0.3229

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1521, 0.3836,
0.3166

52.1521, 0.3836,
0.3166

42.8929, 0.4155,
0.3131

63.4002, 0.3574,
0.3203

35.4997, 0.4533,
0.3104

76.7360, 0.3362,
0.3240

29.8475, 0.4960,
0.3090

92.2604, 0.3192,
0.3275

25.7930, 0.5404,
0.3097

99.9953, 0.3127,
0.3290

■ 23.1697, 0.5815,
0.3130

■ 21.7744, 0.6131,
0.3186

■ 21.3751, 0.6253,
0.3219

Harmonies

Analogous

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



52.1521, 0.3418, 0.2838



52.1521, 0.3836, 0.3166



52.1521, 0.4050, 0.3539

Triad

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



52.1521, 0.3836, 0.3166



52.1521, 0.3256, 0.4097



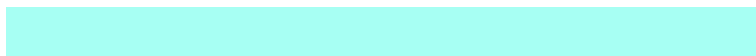
52.1521, 0.2319, 0.2643

Complementary

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



52.1521, 0.3836, 0.3166



86.1923, 0.2694, 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.



52.1521, 0.2284, 0.2930



52.1521, 0.3836, 0.3166



52.1521, 0.2803, 0.3813

Square

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



52.1521, 0.3836, 0.3166



52.1521, 0.3694, 0.4107



52.1521, 0.2454, 0.3362



52.1521, 0.2549, 0.2541

Rectangle

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



52.1521, 0.3836, 0.3166



52.1521, 0.4042, 0.3778



52.1521, 0.2454, 0.3362



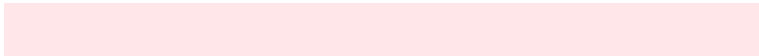
52.1521, 0.2285, 0.2719

Sweetspot

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



52.1546, 0.3836, 0.3166



83.4574, 0.3281, 0.3256



53.7016, 0.3061, 0.2403



17.4044, 0.3306, 0.3251



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.



52.1546, 0.3836, 0.3166



45.9221, 0.4037, 0.3143



64.3446, 0.3838, 0.3613



18.0274, 0.3273, 0.3258



11.1836, 0.6226, 0.3203



1.1007, 0.5968, 0.3062

Inverse Universe

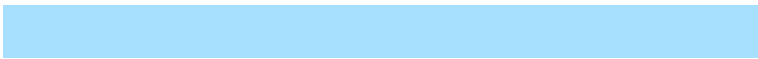
The Inverse Universe completely reimagines the original color for something new.



52.1546, 0.3836, 0.3166



45.9221, 0.4037, 0.3143



68.8499, 0.2591, 0.2940



18.0274, 0.3273, 0.3258



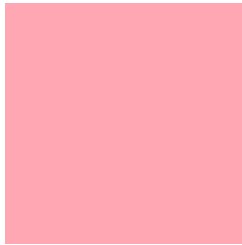
11.1836, 0.6226, 0.3203



1.1007, 0.5968, 0.3062

Previews

White Background



This preview shows how the Yxy color 52.1521, 0.3836, 0.3166 looks on a white background.

Color Contrast Check

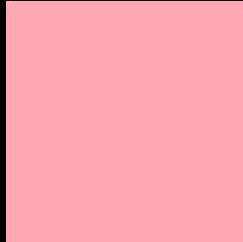
Large Text (above 18pt) WCAG AA × Fail

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 52.1521, 0.3836, 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 52.1521, 0.3836, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 52.1521, 0.3836, 0.3166.



This preview shows how white text looks on a background with the Yxy color 52.1521, 0.3836, 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

52.1521, 0.3836, 0.3166

Protanopia

52.6695, 0.3152, 0.3278

Deuteranopia

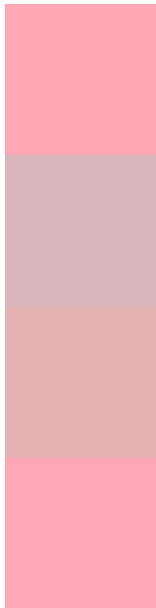
52.4314, 0.3467, 0.3398



Tritanopia

52.1927, 0.3827, 0.3155

Trichromacy



Original Color

52.1521, 0.3836, 0.3166

Protanomaly

51.7955, 0.3389, 0.3232

Deuteranomaly

51.8381, 0.3599, 0.3303

Tritanomaly

52.1927, 0.3827, 0.3155

Monochromacy



Original Color

52.1521, 0.3836, 0.3166

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 52.1521, 0.3836, 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, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.1521, 0.3836, 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, 167, 179) }
```

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

```
.border{ border-color:rgb(255, 167, 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, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1521, 0.3836, 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, 167, 179) }
```

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

```
.background{ background-color: rgb(255,  
167, 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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