

Converting Colors

Yxy(52.5437, 0.3707, 0.3017)

Have a look what the booklet for
Yxy(52.5437, 0.3707, 0.3017)
contains.

Yxy(52.3827, 0.3706, 0.3010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3827, 0.3706, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C1
RGB	255, 166, 193
RGB Percent	100%, 65%, 76%
CMY	0.0001, 0.3489, 0.2432
CMYK	0.00, 0.35, 0.24, 0.00
HSL	342°, 100%, 83%
HSV	342°, 35%, 100%
XYZ	64.4951, 52.3827, 57.1511
YIQ	195.6890, 44.3770, 27.2650

Conversions

Conversions Part 2

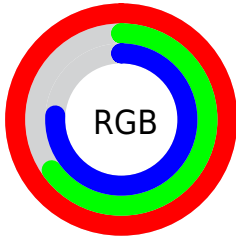
Format	Color
R _Y B	255, 166, 193
Decimal	16754369
CIE Lab	77.51, 36.32, -0.11
CIE LCh	78, 36.316, 359.829
Yxy	52.3827, 0.3706, 0.3010
Android (android.graphics.Color)	4294944449 (0xFFFFA6C1)
YUV	195.6890, -1.3257, 52.0157
Hunter-Lab	72.3759, 32.4059, 3.8452

Details

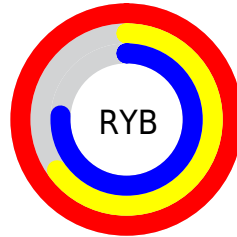
The Yxy color **52.3827, 0.3706, 0.3010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2206, 0.2762, 0.3594**, and the grayscale version is **54.9954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3421, 0.3181, 0.3026**, and **25.5740, 0.3860, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **43.2686, 0.3958, 0.2930**, and if you desaturate by 10%, it is **63.4347, 0.3497, 0.3093**.

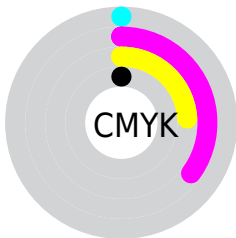
Distribution



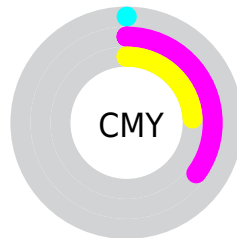
- Red (100%)
- Green (65%)
- Blue (76%)



- Red (100%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3827, 0.3706, 0.3010 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 52.3827, 0.3706, 0.3010 by changing the saturation by 10% instead.


 52.3827, 0.3706,
0.3010

 52.3827, 0.3706,
0.3010


395.9123, 0.3423,
0.3147

 37.3102, 0.3775,
0.2977


 93.6954, 0.3604,
0.3059

 25.4478, 0.3862,
0.2934


 120.7044, 0.3566,
0.3078

 16.4110, 0.3977,
0.2879


152.4610, 0.3533,
0.3094

 9.8154, 0.4132,
0.2804

189.3496, 0.3505,
0.3107

 5.2768, 0.4357,
0.2695

231.7547, 0.3480,
0.3119

 2.4105, 0.4707,
0.2527

280.0606, 0.3459,

 0.8313, 0.5321,

0.3130

0.2230

334.6516, 0.3440,
0.3139

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3827, 0.3706,
0.3010

52.3827, 0.3706,
0.3010

43.2686, 0.3958,
0.2930

63.4347, 0.3497,
0.3093

35.9725, 0.4256,
0.2862

76.5206, 0.3325,
0.3175

30.3726, 0.4595,
0.2816

91.7387, 0.3186,
0.3254

26.3289, 0.4960,
0.2804

99.9967, 0.3127,
0.3290

■ 23.6789, 0.5324,
0.2836

■ 22.2229, 0.5653,
0.2917

■ 21.7964, 0.5800,
0.2969

Harmonies

Analogous

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



52.3827, 0.3224, 0.2708



52.3827, 0.3706, 0.3010



52.3827, 0.4033, 0.3386

Triad

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



52.3827, 0.3706, 0.3010



52.3827, 0.3458, 0.4175



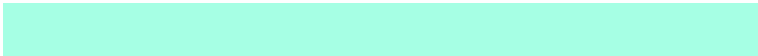
52.3827, 0.2245, 0.2714

Complementary

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



52.3827, 0.3706, 0.3010



85.2206, 0.2762, 0.3594

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.



52.3827, 0.2297, 0.3085



52.3827, 0.3706, 0.3010



52.3827, 0.2975, 0.3993

Square

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



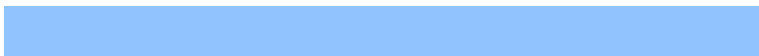
52.3827, 0.3706, 0.3010



52.3827, 0.3871, 0.4069



52.3827, 0.2555, 0.3568



52.3827, 0.2403, 0.2530

Rectangle

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



52.3827, 0.3706, 0.3010



52.3827, 0.4104, 0.3645



52.3827, 0.2555, 0.3568



52.3827, 0.2239, 0.2819

Sweetspot

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



52.3852, 0.3706, 0.3010



83.7035, 0.3253, 0.3214



50.7981, 0.2942, 0.2361



17.4636, 0.3273, 0.3203



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.



52.3852, 0.3706, 0.3010



45.7183, 0.3881, 0.2953



57.6012, 0.3903, 0.3464



18.0777, 0.3246, 0.3218



11.4139, 0.5758, 0.2946



1.1297, 0.5438, 0.2769

Inverse Universe

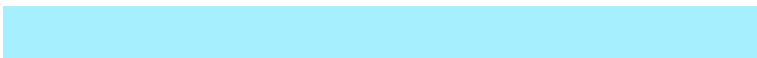
The Inverse Universe completely reimagines the original color for something new.



52.3852, 0.3706, 0.3010



45.7183, 0.3881, 0.2953



76.8694, 0.2609, 0.3107



18.0777, 0.3246, 0.3218



11.4139, 0.5758, 0.2946



1.1297, 0.5438, 0.2769

Previews

White Background



This preview shows how the Yxy color 52.3827, 0.3706, 0.3010 looks on a white background.

Color Contrast Check

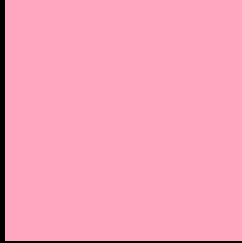
Large Text (above 18pt) WCAG AA × Fail

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 52.3827, 0.3706, 0.3010 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 52.3827, 0.3706, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 52.3827, 0.3706, 0.3010.



This preview shows how white text looks on a background with the Yxy color 52.3827, 0.3706, 0.3010.

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

52.3827, 0.3706, 0.3010

Protanopia

52.8920, 0.3002, 0.3083

Deuteranopia

52.6408, 0.3315, 0.3255



Tritanopia

52.4123, 0.3805, 0.3155

Trichromacy



Original Color

52.3827, 0.3706, 0.3010



Protanomaly

52.0638, 0.3231, 0.3046



Deuteranomaly

52.2888, 0.3456, 0.3166



Tritanomaly

52.2110, 0.3770, 0.3102

Monochromacy



Original Color

52.3827, 0.3706, 0.3010



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.3898, 0.3318, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3827, 0.3706, 0.3010 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, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 193)  
}
```

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, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.3827, 0.3706, 0.3010 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, 166, 193) }
```

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

```
.border{ border-color:rgb(255, 166, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3827, 0.3706, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 193) }
```

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

```
.background{ background-color: rgb(255,  
166, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor