

Converting Colors

Yxy(51.0811, 0.3764, 0.3033)

Have a look what the booklet for
Yxy(51.0811, 0.3764, 0.3033)
contains.

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Color

Yxy(51.0852, 0.3761, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3BC
RGB	255, 163, 188
RGB Percent	100%, 64%, 74%
CMY	0.0001, 0.3607, 0.2627
CMYK	0.00, 0.36, 0.26, 0.00
HSL	344°, 100%, 82%
HSV	344°, 36%, 100%
XYZ	63.4097, 51.0852, 54.1031
YIQ	193.3580, 46.8070, 27.2790

Conversions

Conversions Part 2

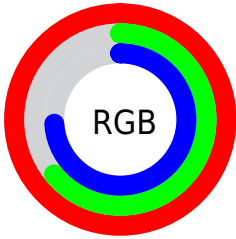
Format	Color
RYB	255, 163, 188
Decimal	16753596
CIELab	76.73, 37.19, 1.47
CIELCh	77, 37.222, 2.263
Yxy	51.0852, 0.3761, 0.3030
Android (android.graphics.Color)	4294943676 (0xFFFFA3BC)
YUV	193.3580, -2.6415, 54.0600
Hunter-Lab	71.4739, 33.2810, 5.1514

Details

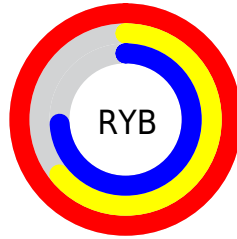
The Yxy color **51.0852, 0.3761, 0.3030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.0071, 0.2737, 0.3572**, and the grayscale version is **53.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4547, 0.3217, 0.3044**, and **24.6369, 0.3927, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **42.1765, 0.4032, 0.2960**, and if you desaturate by 10%, it is **61.9271, 0.3536, 0.3105**.

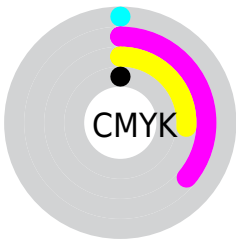
Distribution



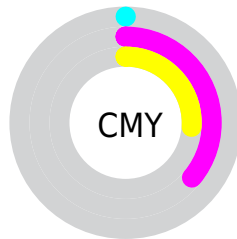
- Red (100%)
- Green (64%)
- Blue (74%)



- Red (100%)
- Yellow (64%)
- Blue (74%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0852, 0.3761, 0.3030 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 51.0852, 0.3761, 0.3030 by changing the saturation by 10% instead.

 51.0852, 0.3761,
0.3030

 51.0852, 0.3761,
0.3030

390.8947, 0.3449,
0.3159

 36.2764, 0.3837,
0.2998


 91.7807, 0.3649,
0.3077

 24.6478, 0.3935,
0.2957


 118.4362, 0.3606,
0.3094

 15.8148, 0.4062,
0.2903


149.8094, 0.3570,
0.3109

 9.3932, 0.4237,
0.2829

186.2847, 0.3539,
0.3122

 4.9985, 0.4490,
0.2721

228.2465, 0.3512,
0.3133

 2.2464, 0.4888,
0.2549

276.0792, 0.3488,

 0.7451, 0.5637,

0.3143

0.2237

330.1671, 0.3467,
0.3152

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0852, 0.3761,
0.3030

■ 51.0852, 0.3761,
0.3030

■ 42.1765, 0.4032,
0.2960

■ 61.9271, 0.3536,
0.3105

■ 35.0794, 0.4351,
0.2901

■ 74.7996, 0.3353,
0.3179

■ 29.6699, 0.4711,
0.2865

■ 89.8024, 0.3204,
0.3249

■ 25.8053, 0.5095,
0.2863

99.9961, 0.3127,
0.3290

■ 23.3189, 0.5470,
0.2904

■ 22.0042, 0.5796,
0.2989

■ 21.6896, 0.5907,
0.3027

Harmonies

Analogous

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



51.0852, 0.3269, 0.2712



51.0852, 0.3761, 0.3030



51.0852, 0.4080, 0.3420

Triad

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



51.0852, 0.3761, 0.3030



51.0852, 0.3428, 0.4202



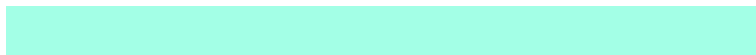
51.0852, 0.2224, 0.2672

Complementary

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



51.0852, 0.3761, 0.3030



85.0071, 0.2737, 0.3572

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.



51.0852, 0.2258, 0.3039



51.0852, 0.3761, 0.3030



51.0852, 0.2930, 0.3990

Square

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



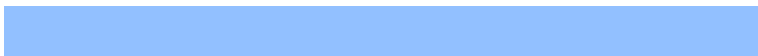
51.0852, 0.3761, 0.3030



51.0852, 0.3865, 0.4112



51.0852, 0.2507, 0.3536



51.0852, 0.2402, 0.2500

Rectangle

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



51.0852, 0.3761, 0.3030



51.0852, 0.4136, 0.3685



51.0852, 0.2507, 0.3536



51.0852, 0.2211, 0.2774

Sweetspot

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



51.0876, 0.3761, 0.3030



82.1444, 0.3273, 0.3215



50.0641, 0.2959, 0.2335



17.1508, 0.3294, 0.3205



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.



51.0876, 0.3761, 0.3030



44.7192, 0.3944, 0.2980



57.7438, 0.3928, 0.3502



18.0682, 0.3251, 0.3226



11.3566, 0.5865, 0.3005



1.1231, 0.5547, 0.2829

Inverse Universe

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



51.0876, 0.3761, 0.3030



44.7192, 0.3944, 0.2980



74.4544, 0.2588, 0.3064



18.0682, 0.3251, 0.3226



11.3566, 0.5865, 0.3005



1.1231, 0.5547, 0.2829

Previews

White Background



This preview shows how the Yxy color 51.0852, 0.3761, 0.3030 looks on a white background.

Color Contrast Check

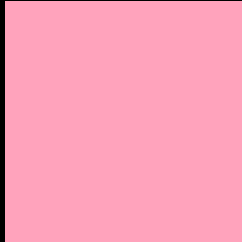
Large Text (above 18pt) WCAG AA × Fail

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 51.0852, 0.3761, 0.3030 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 51.0852, 0.3761, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 51.0852, 0.3761, 0.3030.



This preview shows how white text looks on a background with the Yxy color 51.0852, 0.3761, 0.3030.

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

51.0852, 0.3761, 0.3030

Protanopia

51.5258, 0.3023, 0.3117

Deuteranopia

51.4433, 0.3350, 0.3291



Tritanopia

51.1554, 0.3853, 0.3165

Trichromacy



Original Color

51.0852, 0.3761, 0.3030



Protanomaly

50.8659, 0.3266, 0.3079



Deuteranomaly

50.7222, 0.3497, 0.3188



Tritanomaly

50.9579, 0.3817, 0.3113

Monochromacy



Original Color

51.0852, 0.3761, 0.3030



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.8164, 0.3347, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0852, 0.3761, 0.3030 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, 163, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 188)  
}
```

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, 163, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.0852, 0.3761, 0.3030 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, 163, 188) }
```

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

```
.border{ border-color:rgb(255, 163, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0852, 0.3761, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 188) }
```

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

```
.background{ background-color: rgb(255,  
163, 188) }
```

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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