

Converting Colors

Yxy(53.7153, 0.3977, 0.3100)

Have a look what the booklet for
Yxy(53.7153, 0.3977, 0.3100)
contains.

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Color

Yxy(50.4369, 0.3832, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2B5
RGB	255, 162, 181
RGB Percent	100%, 64%, 71%
CMY	0.0000, 0.3647, 0.2901
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.5078, 50.4369, 50.1759
YIQ	191.9730, 49.3290, 25.6250

Conversions

Conversions Part 2

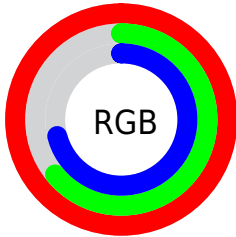
Format	Color
R _Y B	255, 162, 181
Decimal	16753333
CIE Lab	76.34, 36.81, 4.72
CIE LCh	76, 37.111, 7.307
Yxy	50.4369, 0.3832, 0.3092
Android (android.graphics.Color)	4294943413 (0xFFFFA2B5)
YUV	191.9730, -5.4097, 55.2747
Hunter-Lab	71.0189, 32.8249, 7.8240

Details

The Yxy color **50.4369, 0.3832, 0.3092** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.2545, 0.2704, 0.3503**, and the grayscale version is **52.7059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5172, 0.3265, 0.3102**, and **24.2316, 0.4028, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **41.5726, 0.4134, 0.3040**, and if you desaturate by 10%, it is **61.2428, 0.3583, 0.3148**.

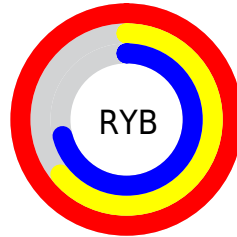
Distribution



Red (100%)

Green (64%)

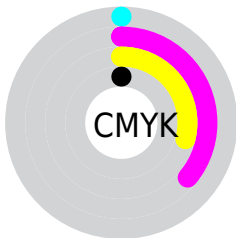
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

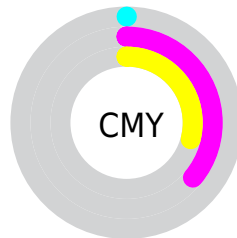


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4369, 0.3832, 0.3092 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 50.4369, 0.3832, 0.3092 by changing the saturation by 10% instead.


 50.4369, 0.3832,
0.3092


 50.4369, 0.3832,
0.3092


388.3720, 0.3483,
0.3194

 35.7607, 0.3918,
0.3066


 90.8219, 0.3706,
0.3130

 24.2494, 0.4028,
0.3032


 117.2994, 0.3658,
0.3144

 15.5187, 0.4172,
0.2986


148.4795, 0.3618,
0.3155

 9.1843, 0.4370,
0.2922

184.7465, 0.3583,
0.3165

 4.8616, 0.4659,
0.2825

226.4849, 0.3553,
0.3174

 2.1663, 0.5113,
0.2663

274.0790, 0.3527,

 0.7015, 0.6122,

0.3182

0.2396

327.9133, 0.3503,
0.3188

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4369, 0.3832,
0.3092

50.4369, 0.3832,
0.3092

41.5726, 0.4134,
0.3040

61.2428, 0.3583,
0.3148

34.5353, 0.4489,
0.2999

74.0980, 0.3380,
0.3204

29.1961, 0.4887,
0.2977

89.1007, 0.3216,
0.3257

25.4097, 0.5304,
0.2985

100.0000, 0.3127,
0.3290

■ 23.0064, 0.5696,
0.3029

■ 21.7748, 0.6013,
0.3107

■ 21.5098, 0.6103,
0.3136

Harmonies

Analogous

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



50.4369, 0.3356, 0.2757



50.4369, 0.3832, 0.3092



50.4369, 0.4108, 0.3487

Triad

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



50.4369, 0.3832, 0.3092



50.4369, 0.3344, 0.4190



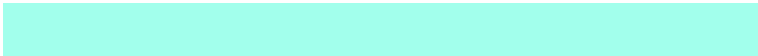
50.4369, 0.2238, 0.2628

Complementary

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



50.4369, 0.3832, 0.3092



85.2545, 0.2704, 0.3503

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.



50.4369, 0.2236, 0.2965



50.4369, 0.3832, 0.3092



50.4369, 0.2850, 0.3927

Square

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



50.4369, 0.3832, 0.3092



50.4369, 0.3802, 0.4146



50.4369, 0.2451, 0.3450



50.4369, 0.2451, 0.2490

Rectangle

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



50.4369, 0.3832, 0.3092



50.4369, 0.4130, 0.3750



50.4369, 0.2451, 0.3450



50.4369, 0.2213, 0.2719

Sweetspot

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



50.4364, 0.3832, 0.3092



82.0365, 0.3286, 0.3234



50.6952, 0.3006, 0.2338



17.1252, 0.3308, 0.3226



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.



50.4364, 0.3832, 0.3092



43.5897, 0.4054, 0.3052



59.9829, 0.3916, 0.3569



18.0479, 0.3262, 0.3242



11.2563, 0.6067, 0.3116



1.1108, 0.5767, 0.2951

Inverse Universe

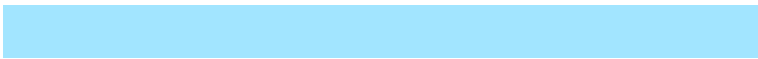
The Inverse Universe completely reimagines the original color for something new.



50.4364, 0.3832, 0.3092



43.5897, 0.4054, 0.3052



70.7451, 0.2572, 0.2989



18.0479, 0.3262, 0.3242



11.2563, 0.6067, 0.3116



1.1108, 0.5767, 0.2951

Previews

White Background



This preview shows how the Yxy color 50.4369, 0.3832, 0.3092 looks on a white background.

Color Contrast Check

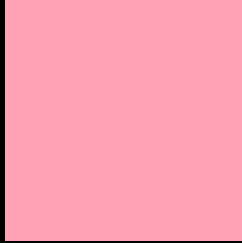
Large Text (above 18pt) WCAG AA × Fail

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 50.4369, 0.3832, 0.3092 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 50.4369, 0.3832, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 50.4369, 0.3832, 0.3092.



This preview shows how white text looks on a background with the Yxy color 50.4369, 0.3832, 0.3092.

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

50.4369, 0.3832, 0.3092

Protanopia

50.8991, 0.3083, 0.3190

Deuteranopia

50.4791, 0.3421, 0.3351



Tritanopia

50.3604, 0.3879, 0.3165

Trichromacy



Original Color

50.4369, 0.3832, 0.3092



Protanomaly

50.2979, 0.3334, 0.3149



Deuteranomaly

50.2052, 0.3571, 0.3257



Tritanomaly

50.4395, 0.3859, 0.3144

Monochromacy



Original Color

50.4369, 0.3832, 0.3092



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.1257, 0.3365, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4369, 0.3832, 0.3092 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, 162, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 181)  
}
```

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, 162, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.4369, 0.3832, 0.3092 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, 162, 181) }
```

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

```
.border{ border-color:rgb(255, 162, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4369, 0.3832, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 181) }
```

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

```
.background{ background-color: rgb(255,  
162, 181) }
```

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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