

Converting Colors

$Yxy(50.6754, 0.3678, 0.2911)$

Have a look what the booklet for
Yxy(50.6754, 0.3678, 0.2911)
contains.

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Color

Yxy(50.7810, 0.3680, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1C5
RGB	255, 161, 197
RGB Percent	100%, 63%, 77%
CMY	0.0000, 0.3686, 0.2275
CMYK	0.00, 0.37, 0.23, 0.00
HSL	337°, 100%, 82%
HSV	337°, 37%, 100%
XYZ	64.0638, 50.7810, 59.2416
YIQ	193.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

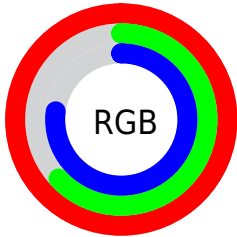
Format	Color
R _Y B	255, 161, 197
Decimal	16753093
CIE Lab	76.55, 39.48, -3.71
CIE LCh	77, 39.659, 354.629
Yxy	50.7810, 0.3680, 0.2917
Android (android.graphics.Color)	4294943173 (0xFFFFA1C5)
YUV	193.2100, 1.8685, 54.1898
Hunter-Lab	71.2608, 35.7660, 0.5927

Details

The Yxy color $50.7810, 0.3680, 0.2917$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $84.2128, 0.2781, 0.3703$, and the grayscale version is $53.4275, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.0415, 0.3151, 0.2930$, and $24.5786, 0.3837, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $42.0756, 0.3907, 0.2818$, and if you desaturate by 10%, it is $61.3809, 0.3489, 0.3022$.

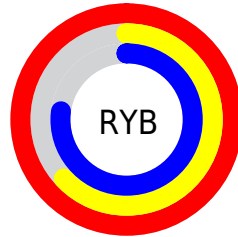
Distribution



Red (100%)

Green (63%)

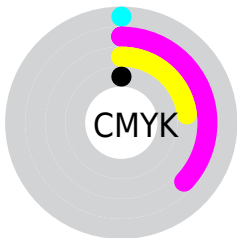
Blue (77%)



Red (100%)

Yellow (63%)

Blue (77%)

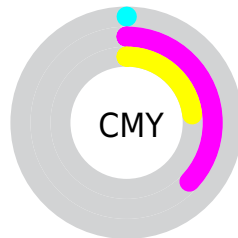


Cyan (0%)

Magenta (37%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7810, 0.3680, 0.2917 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 50.7810, 0.3680, 0.2917 by changing the saturation by 10% instead.


 50.7810, 0.3680,
0.2917


 50.7810, 0.3680,
0.2917

389.7123, 0.3410,
0.3097

 36.0343, 0.3746,
0.2874


 91.3310, 0.3583,
0.2981

 24.4607, 0.3829,
0.2820


 117.9031, 0.3546,
0.3006

 15.6757, 0.3937,
0.2749

149.1858, 0.3515,
0.3026

 9.2950, 0.4086,
0.2654

185.5635, 0.3488,
0.3044

 4.9341, 0.4299,
0.2520

227.4206, 0.3465,
0.3060

 2.2086, 0.4630,
0.2315

275.1415, 0.3444,

 0.7247, 0.5222,

0.3074

0.1950

329.1106, 0.3426,
0.3086

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7810, 0.3680,
0.2917

50.7810, 0.3680,
0.2917

42.0756, 0.3907,
0.2818

61.3809, 0.3489,
0.3022

35.1482, 0.4172,
0.2733

73.9764, 0.3331,
0.3125

29.8740, 0.4470,
0.2674

88.6648, 0.3202,
0.3225

26.1107, 0.4790,
0.2655

100.0000, 0.3127,
0.3290

■ 23.6911, 0.5111,
0.2686

■ 22.4043, 0.5409,
0.2770

■ 22.1348, 0.5497,
0.2802

Harmonies

Analogous

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



50.7810, 0.3135, 0.2611



50.7810, 0.3680, 0.2917



50.7810, 0.4085, 0.3315

Triad

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



50.7810, 0.3680, 0.2917



50.7810, 0.3574, 0.4270



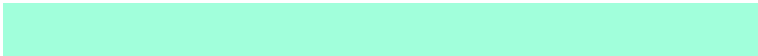
50.7810, 0.2156, 0.2710

Complementary

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



50.7810, 0.3680, 0.2917



84.2128, 0.2781, 0.3703

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.



50.7810, 0.2250, 0.3146



50.7810, 0.3680, 0.2917



50.7810, 0.3047, 0.4131

Square

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



50.7810, 0.3680, 0.2917



50.7810, 0.4003, 0.4096



50.7810, 0.2566, 0.3690



50.7810, 0.2289, 0.2477

Rectangle

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



50.7810, 0.3680, 0.2917



50.7810, 0.4199, 0.3598



50.7810, 0.2566, 0.3690



50.7810, 0.2162, 0.2835

Sweetspot

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



50.7820, 0.3680, 0.2917



82.3256, 0.3252, 0.3185



47.7664, 0.2879, 0.2292



17.1938, 0.3270, 0.3171



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.



50.7820, 0.3680, 0.2917



44.3797, 0.3838, 0.2845



53.3272, 0.3989, 0.3408



18.1022, 0.3234, 0.3199



11.5927, 0.5454, 0.2778



1.1493, 0.5147, 0.2609

Inverse Universe

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



50.7820, 0.3680, 0.2917



44.3797, 0.3838, 0.2845



79.5192, 0.2592, 0.3166



18.1022, 0.3234, 0.3199



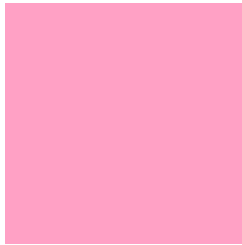
11.5927, 0.5454, 0.2778



1.1493, 0.5147, 0.2609

Previews

White Background



This preview shows how the Yxy color 50.7810, 0.3680, 0.2917 looks on a white background.

Color Contrast Check

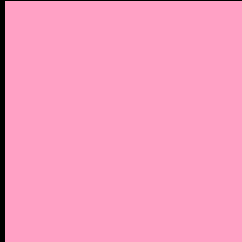
Large Text (above 18pt) WCAG AA × Fail

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 50.7810, 0.3680, 0.2917 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 50.7810, 0.3680, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 50.7810, 0.3680, 0.2917.



This preview shows how white text looks on a background with the Yxy color 50.7810, 0.3680, 0.2917.

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

50.7810, 0.3680, 0.2917

Protanopia

51.1358, 0.2913, 0.2971

Deuteranopia

50.8390, 0.3243, 0.3170



Tritanopia

50.9672, 0.3844, 0.3165

Trichromacy



Original Color

50.7810, 0.3680, 0.2917



Protanomaly

50.0965, 0.3161, 0.2938



Deuteranomaly

50.4023, 0.3402, 0.3073



Tritanomaly

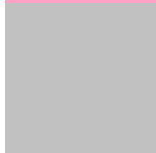
51.0824, 0.3788, 0.3081

Monochromacy



Original Color

50.7810, 0.3680, 0.2917



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.5417, 0.3323, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7810, 0.3680, 0.2917 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, 161, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 197)  
}
```

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, 161, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.7810, 0.3680, 0.2917 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, 161, 197) }
```

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

```
.border{ border-color:rgb(255, 161, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7810, 0.3680, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 197) }
```

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

```
.background{ background-color: rgb(255,  
161, 197) }
```

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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