

Converting Colors

$Y_{xy}(48.7591, 0.3717, 0.2886)$

Have a look what the booklet for
Yxy(48.7591, 0.3717, 0.2886)
contains.

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Color

Yxy(48.5977, 0.3723, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BC2
RGB	255, 155, 194
RGB Percent	100%, 61%, 76%
CMY	0.0001, 0.3921, 0.2393
CMYK	0.00, 0.39, 0.24, 0.00
HSL	337°, 100%, 80%
HSV	337°, 39%, 100%
XYZ	62.6920, 48.5977, 57.1015
YIQ	189.3460, 47.0810, 33.3290

Conversions

Conversions Part 2

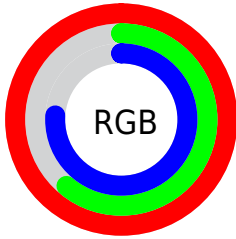
Format	Color
R_{YB}	255, 155, 194
Decimal	16751554
CIE _{Lab}	75.20, 42.13, -4.04
CIE _{LCh}	75, 42.328, 354.520
Yxy	48.5977, 0.3723, 0.2886
Android (android.graphics.Color)	4294941634 (0xFFFF9BC2)
YUV	189.3460, 2.2944, 57.5786
Hunter-Lab	69.7121, 38.5290, 0.2337

Details

The Yxy color **48.5977, 0.3723, 0.2886** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4387, 0.2766, 0.3742**, and the grayscale version is **51.0652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7507, 0.3181, 0.2907**, and **23.1320, 0.3888, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **40.3261, 0.3956, 0.2788**, and if you desaturate by 10%, it is **58.7390, 0.3526, 0.2992**.

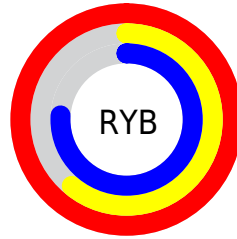
Distribution



Red (100%)

Green (61%)

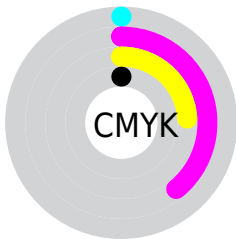
Blue (76%)



Red (100%)

Yellow (61%)

Blue (76%)

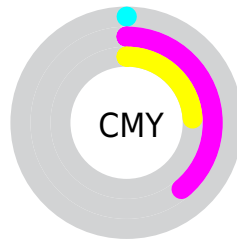


Cyan (0%)

Magenta (39%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5977, 0.3723, 0.2886 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 48.5977, 0.3723, 0.2886 by changing the saturation by 10% instead.


 48.5977, 0.3723,
0.2886


 48.5977, 0.3723,
0.2886


381.1564, 0.3430,
0.3082

 34.3005, 0.3795,
0.2839


 88.0937, 0.3618,
0.2956

 23.1245, 0.3886,
0.2779


 114.0612, 0.3578,
0.2983

 14.6855, 0.4005,
0.2702


144.6875, 0.3544,
0.3005

 8.5989, 0.4169,
0.2597

180.3572, 0.3515,
0.3025

 4.4805, 0.4406,
0.2448

221.4545, 0.3489,
0.3042

 1.9458, 0.4778,
0.2219

268.3639, 0.3467,

 0.5757, 0.5493,

0.3057

0.1747

321.4697, 0.3447,
0.3070

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5977, 0.3723,
0.2886

48.5977, 0.3723,
0.2886

40.3261, 0.3956,
0.2788

58.7390, 0.3526,
0.2992

33.8012, 0.4226,
0.2706

70.8489, 0.3363,
0.3098

28.8963, 0.4526,
0.2654

85.0276, 0.3229,
0.3201

25.4640, 0.4844,
0.2644

99.9967, 0.3127,
0.3290

■ 23.3300, 0.5158,
0.2686

■ 22.2328, 0.5446,
0.2778

■ 22.1648, 0.5469,
0.2786

Harmonies

Analogous

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



48.5977, 0.3131, 0.2560



48.5977, 0.3723, 0.2886



48.5977, 0.4164, 0.3310

Triad

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



48.5977, 0.3723, 0.2886



48.5977, 0.3607, 0.4353



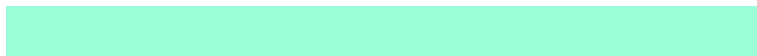
48.5977, 0.2085, 0.2662

Complementary

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



48.5977, 0.3723, 0.2886



83.4387, 0.2766, 0.3742

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.



48.5977, 0.2184, 0.3131



48.5977, 0.3723, 0.2886



48.5977, 0.3038, 0.4209

Square

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



48.5977, 0.3723, 0.2886



48.5977, 0.4071, 0.4154



48.5977, 0.2521, 0.3727



48.5977, 0.2225, 0.2415

Rectangle

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



48.5977, 0.3723, 0.2886



48.5977, 0.4287, 0.3613



48.5977, 0.2521, 0.3727



48.5977, 0.2091, 0.2796

Sweetspot

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



48.6000, 0.3723, 0.2886



80.8617, 0.3264, 0.3173



45.1148, 0.2845, 0.2221



16.9021, 0.3281, 0.3159



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.



48.6000, 0.3723, 0.2886



42.0014, 0.3902, 0.2808



50.5400, 0.4075, 0.3398



18.1043, 0.3233, 0.3198



11.6105, 0.5426, 0.2763



1.1511, 0.5121, 0.2595

Inverse Universe

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



48.6000, 0.3723, 0.2886



42.0014, 0.3902, 0.2808



79.4860, 0.2566, 0.3176



18.1043, 0.3233, 0.3198



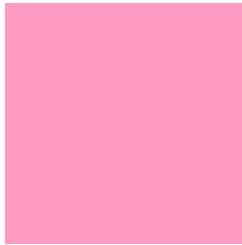
11.6105, 0.5426, 0.2763



1.1511, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 48.5977, 0.3723, 0.2886 looks on a white background.

Color Contrast Check

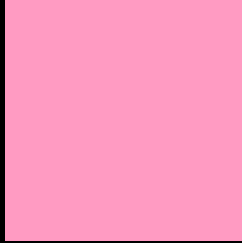
Large Text (above 18pt) WCAG AA × Fail

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 48.5977, 0.3723, 0.2886 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 48.5977, 0.3723, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 48.5977, 0.3723, 0.2886.



This preview shows how white text looks on a background with the Yxy color 48.5977, 0.3723, 0.2886.

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

48.5977, 0.3723, 0.2886

Protanopia

48.8582, 0.2894, 0.2941

Deuteranopia

48.9168, 0.3236, 0.3168



Tritanopia

48.6192, 0.3923, 0.3165

Trichromacy



Original Color

48.5977, 0.3723, 0.2886



Protanomaly

47.7048, 0.3171, 0.2910



Deuteranomaly

48.2596, 0.3408, 0.3058



Tritanomaly

48.7792, 0.3855, 0.3071

Monochromacy



Original Color

48.5977, 0.3723, 0.2886



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.3520, 0.3328, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5977, 0.3723, 0.2886 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, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 194)  
}
```

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, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.5977, 0.3723, 0.2886 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, 155, 194) }
```

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

```
.border{ border-color:rgb(255, 155, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5977, 0.3723, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 194) }
```

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

```
.background{ background-color: rgb(255,  
155, 194) }
```

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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