

Converting Colors

$Y_{xy}(49.2447, 0.3882, 0.2872)$

Have a look what the booklet for
Yxy(49.2447, 0.3882, 0.2872)
contains.

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Color

Yxy(46.5607, 0.3758, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	FF95C0
RGB	255, 149, 192
RGB Percent	100%, 58%, 75%
CMY	0.0000, 0.4157, 0.2472
CMYK	0.00, 0.42, 0.25, 0.00
HSL	336°, 100%, 79%
HSV	336°, 42%, 100%
XYZ	61.5027, 46.5607, 55.5946
YIQ	185.5960, 49.3730, 35.8450

Conversions

Conversions Part 2

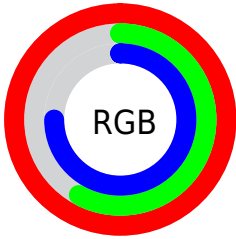
Format	Color
R_{YB}	255, 149, 192
Decimal	16750016
CIE _{Lab}	73.91, 44.94, -4.84
CIE _{LCh}	74, 45.195, 353.853
Yxy	46.5607, 0.3758, 0.2845
Android (android.graphics.Color)	4294940096 (0xFFFF95C0)
YUV	185.5960, 3.1572, 60.8673
Hunter-Lab	68.2354, 41.4756, -0.5416

Details

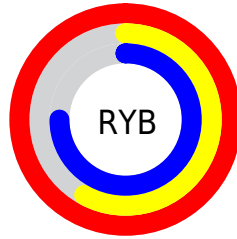
The Yxy color $46.5607, 0.3758, 0.2845$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $82.6652, 0.2757, 0.3795$, and the grayscale version is $48.8246, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.7000, 0.3199, 0.2866$, and $21.9656, 0.3923, 0.2726$ is the 20% darker color. If you saturate the color by 10%, you get $38.7175, 0.3993, 0.2746$, and if you desaturate by 10%, it is $56.2383, 0.3559, 0.2954$.

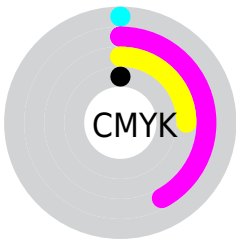
Distribution



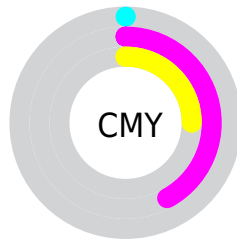
- Red (100%)
- Green (58%)
- Blue (75%)



- Red (100%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5607, 0.3758, 0.2845 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 46.5607, 0.3758, 0.2845 by changing the saturation by 10% instead.


 46.5607, 0.3758,
0.2845


 46.5607, 0.3758,
0.2845

373.0583, 0.3446,
0.3062

 32.6885, 0.3835,
0.2793


 85.0575, 0.3645,
0.2922

 21.8879, 0.3932,
0.2727


 110.4509, 0.3603,
0.2952

 13.7746, 0.4061,
0.2640


140.4535, 0.3567,
0.2977

 7.9640, 0.4238,
0.2524

175.4497, 0.3536,
0.2999

 4.0720, 0.4495,
0.2357

215.8239, 0.3509,
0.3017

 1.7139, 0.4901,
0.2103

261.9605, 0.3485,

 0.4326, 0.5778,

0.3034

0.1471

314.2438, 0.3464,
0.3049

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.5607, 0.3758,
0.2845

46.5607, 0.3758,
0.2845

38.7175, 0.3993,
0.2746

56.2383, 0.3559,
0.2954

32.5917, 0.4262,
0.2666

67.8598, 0.3392,
0.3065

28.0502, 0.4558,
0.2619

81.5242, 0.3255,
0.3172

24.9404, 0.4868,
0.2618

97.3242, 0.3143,
0.3275

■ 23.0793, 0.5170,
0.2670

100.0000, 0.3127,
0.3290

■ 22.2465, 0.5405,
0.2751

Harmonies

Analogous

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



46.5607, 0.3114, 0.2501



46.5607, 0.3758, 0.2845



46.5607, 0.4244, 0.3294

Triad

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



46.5607, 0.3758, 0.2845



46.5607, 0.3652, 0.4441



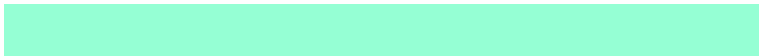
46.5607, 0.2009, 0.2617

Complementary

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



46.5607, 0.3758, 0.2845



82.6652, 0.2757, 0.3795

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.



46.5607, 0.2118, 0.3126



46.5607, 0.3758, 0.2845



46.5607, 0.3039, 0.4302

Square

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



46.5607, 0.3758, 0.2845



46.5607, 0.4151, 0.4208



46.5607, 0.2481, 0.3778



46.5607, 0.2153, 0.2352

Rectangle

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



46.5607, 0.3758, 0.2845



46.5607, 0.4381, 0.3618



46.5607, 0.2481, 0.3778



46.5607, 0.2017, 0.2762

Sweetspot

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



46.5602, 0.3758, 0.2845



80.8895, 0.3261, 0.3168



42.5404, 0.2808, 0.2148



16.9086, 0.3277, 0.3154



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.



46.5602, 0.3758, 0.2845



39.8301, 0.3953, 0.2760



47.8279, 0.4167, 0.3386



18.1091, 0.3230, 0.3194



11.6520, 0.5362, 0.2728



1.1555, 0.5063, 0.2563

Inverse Universe

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



46.5602, 0.3758, 0.2845



39.8301, 0.3953, 0.2760



79.6230, 0.2541, 0.3189



18.1091, 0.3230, 0.3194



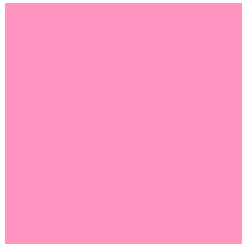
11.6520, 0.5362, 0.2728



1.1555, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 46.5607, 0.3758, 0.2845 looks on a white background.

Color Contrast Check

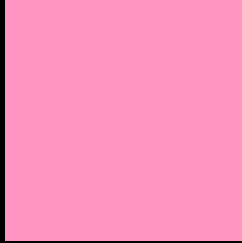
Large Text (above 18pt) WCAG AA × Fail

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 46.5607, 0.3758, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

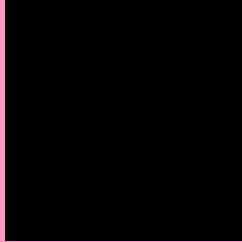
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5607, 0.3758, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 46.5607, 0.3758, 0.2845.



This preview shows how white text looks on a background with the Yxy color 46.5607, 0.3758, 0.2845.

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

46.5607, 0.3758, 0.2845

Protanopia

47.0313, 0.2854, 0.2898

Deuteranopia

46.5088, 0.3221, 0.3153



Tritanopia

46.5233, 0.3992, 0.3175

Trichromacy



Original Color

46.5607, 0.3758, 0.2845



Protanomaly

45.7628, 0.3147, 0.2859



Deuteranomaly

45.8520, 0.3407, 0.3019



Tritanomaly

46.4343, 0.3905, 0.3049

Monochromacy



Original Color

46.5607, 0.3758, 0.2845



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.3669, 0.3341, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5607, 0.3758, 0.2845 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, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 192)  
}
```

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, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.5607, 0.3758, 0.2845 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, 149, 192) }
```

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

```
.border{ border-color:rgb(255, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5607, 0.3758, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 192) }
```

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

```
.background{ background-color: rgb(255,  
149, 192) }
```

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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