

Converting Colors

$Y_{xy}(67.8497, 0.4594, 0.2992)$

Have a look what the booklet for
Yxy(67.8497, 0.4594, 0.2992)
contains.

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Color

Yxy(45.4056, 0.3817, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	FF92BB
RGB	255, 146, 187
RGB Percent	100%, 57%, 73%
CMY	0.0000, 0.4275, 0.2667
CMYK	0.00, 0.43, 0.27, 0.00
HSL	337°, 100%, 79%
HSV	337°, 43%, 100%
XYZ	60.4933, 45.4056, 52.5849
YIQ	183.2650, 51.8030, 35.8590

Conversions

Conversions Part 2

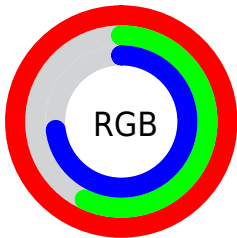
Format	Color
R_{YB}	255, 146, 187
Decimal	16749243
CIE _{Lab}	73.16, 45.79, -3.19
CIE _{LCh}	73, 45.899, 356.010
Yxy	45.4056, 0.3817, 0.2865
Android (android.graphics.Color)	4294939323 (0xFFFF92BB)
YUV	183.2650, 1.8414, 62.9116
Hunter-Lab	67.3837, 42.3258, 0.8998

Details

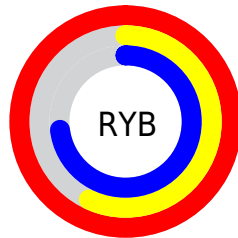
The Yxy color $45.4056, 0.3817, 0.2865$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82.4858, 0.2733, 0.3773$, and the grayscale version is $47.4724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9721, 0.3236, 0.2883$, and $21.2857, 0.4008, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $37.7559, 0.4070, 0.2775$, and if you desaturate by 10%, it is $54.8805, 0.3602, 0.2966$.

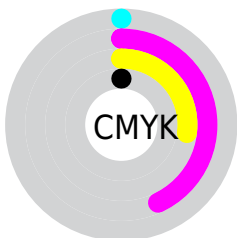
Distribution



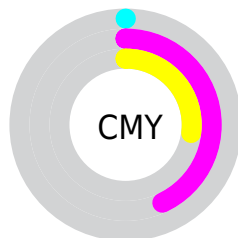
- Red (100%)
- Green (57%)
- Blue (73%)



- Red (100%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4056, 0.3817, 0.2865 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 45.4056, 0.3817, 0.2865 by changing the saturation by 10% instead.


 45.4056, 0.3817,
0.2865

 45.4056, 0.3817,
0.2865


368.4138, 0.3473,
0.3074

 31.7770, 0.3902,
0.2814


 83.3287, 0.3693,
0.2940

 21.1912, 0.4011,
0.2749


 108.3921, 0.3646,
0.2969

 13.2639, 0.4155,
0.2664


138.0358, 0.3606,
0.2993

 7.6105, 0.4354,
0.2547

172.6443, 0.3572,
0.3014

 3.8467, 0.4646,
0.2379

212.6019, 0.3542,
0.3032

 1.5882, 0.5110,
0.2117

258.2931, 0.3516,

 0.3496, 0.6278,

0.3048

0.1365

310.1023, 0.3494,
0.3062

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4056, 0.3817,
0.2865

45.4056, 0.3817,
0.2865

37.7559, 0.4070,
0.2775

54.8805, 0.3602,
0.2966

31.8160, 0.4359,
0.2705

66.2950, 0.3424,
0.3069

27.4493, 0.4676,
0.2670

79.7482, 0.3277,
0.3169

24.5000, 0.5003,
0.2680

95.3338, 0.3156,
0.3265

■ 22.7798, 0.5317,
0.2744

100.0000, 0.3127,
0.3290

■ 22.1028, 0.5524,
0.2817

Harmonies

Analogous

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



45.4056, 0.3161, 0.2505



45.4056, 0.3817, 0.2865



45.4056, 0.4294, 0.3328

Triad

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



45.4056, 0.3817, 0.2865



45.4056, 0.3618, 0.4474



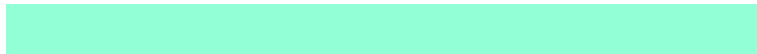
45.4056, 0.1988, 0.2573

Complementary

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



45.4056, 0.3817, 0.2865



82.4858, 0.2733, 0.3773

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.



45.4056, 0.2080, 0.3076



45.4056, 0.3817, 0.2865



45.4056, 0.2990, 0.4302

Square

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



45.4056, 0.3817, 0.2865



45.4056, 0.4144, 0.4253



45.4056, 0.2431, 0.3743



45.4056, 0.2152, 0.2322

Rectangle

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



45.4056, 0.3817, 0.2865



45.4056, 0.4415, 0.3657



45.4056, 0.2431, 0.3743



45.4056, 0.1989, 0.2714

Sweetspot

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



45.4040, 0.3817, 0.2865



79.3817, 0.3280, 0.3167



41.9547, 0.2826, 0.2124



16.3193, 0.3310, 0.3145



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.



45.4040, 0.3817, 0.2865



38.9652, 0.4023, 0.2789



48.0328, 0.4193, 0.3427



18.1001, 0.3235, 0.3201



11.5758, 0.5481, 0.2793



1.1475, 0.5172, 0.2623

Inverse Universe

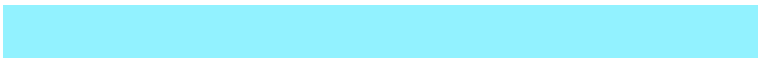
The Inverse Universe completely reimagines the original color for something new.



45.4040, 0.3817, 0.2865



38.9652, 0.4023, 0.2789



77.0033, 0.2520, 0.3144



18.1001, 0.3235, 0.3201



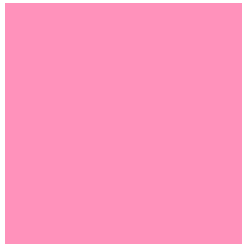
11.5758, 0.5481, 0.2793



1.1475, 0.5172, 0.2623

Previews

White Background



This preview shows how the Yxy color 45.4056, 0.3817, 0.2865 looks on a white background.

Color Contrast Check

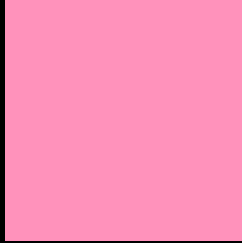
Large Text (above 18pt) WCAG AA × Fail

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 45.4056, 0.3817, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

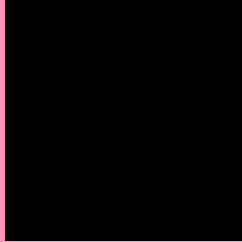
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4056, 0.3817, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 45.4056, 0.3817, 0.2865.



This preview shows how white text looks on a background with the Yxy color 45.4056, 0.3817, 0.2865.

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

45.4056, 0.3817, 0.2865

Protanopia

45.8592, 0.2881, 0.2932

Deuteranopia

45.3853, 0.3257, 0.3189



Tritanopia

45.6245, 0.4044, 0.3176

Trichromacy



Original Color

45.4056, 0.3817, 0.2865



Protanomaly

44.6449, 0.3182, 0.2890



Deuteranomaly

44.7633, 0.3447, 0.3053



Tritanomaly

45.5060, 0.3966, 0.3061

Monochromacy



Original Color

45.4056, 0.3817, 0.2865



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7655, 0.3363, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4056, 0.3817, 0.2865 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, 146, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 187)  
}
```

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, 146, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 187) }
```

Border

The CSS property to change the border of an element to Yxy 45.4056, 0.3817, 0.2865 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, 146, 187) }
```

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

```
.border{ border-color:rgb(255, 146, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 187); box-shadow:4px 4px 4px 4px rgb(255, 146, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4056, 0.3817, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 187) }
```

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

```
.background{ background-color: rgb(255,  
146, 187) }
```

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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