

Converting Colors

$Y_{xy}(45.1834, 0.3618, 0.2675)$

Have a look what the booklet for
Yxy(45.1834, 0.3618, 0.2675)
contains.

Yxy(45.3059, 0.3617, 0.2679)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.3059, 0.3617, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	FC91CC
RGB	252, 145, 204
RGB Percent	99%, 57%, 80%
CMY	0.0118, 0.4313, 0.2000
CMYK	0.00, 0.42, 0.19, 0.01
HSL	327°, 95%, 78%
HSV	327°, 42%, 99%
XYZ	61.1689, 45.3059, 62.6402
YIQ	183.7190, 44.8330, 41.0330

Conversions

Conversions Part 2

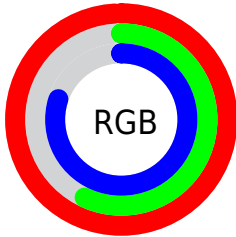
Format	Color
R _Y B	252, 145, 204
Decimal	16552396
CIE Lab	73.09, 47.66, -12.73
CIE LCh	73, 49.335, 345.046
Yxy	45.3059, 0.3617, 0.2679
Android (android.graphics.Color)	4294742476 (0xFFFC91CC)
YUV	183.7190, 9.9985, 59.8824
Hunter-Lab	67.3097, 44.4232, -8.0601

Details

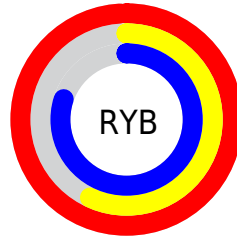
The Yxy color **45.3059, 0.3617, 0.2679** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.4943, 0.2828, 0.4006**, and the grayscale version is **47.6964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **21.0216, 0.3740, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **37.9185, 0.3788, 0.2546**, and if you desaturate by 10%, it is **54.4449, 0.3468, 0.2824**.

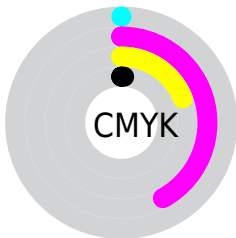
Distribution



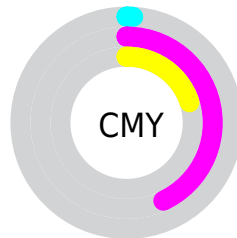
- Red (99%)
- Green (57%)
- Blue (80%)



- Red (99%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3059, 0.3617, 0.2679 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 45.3059, 0.3617, 0.2679 by changing the saturation by 10% instead.


 45.3059, 0.3617,
0.2679


 45.3059, 0.3617,
0.2679


368.0111, 0.3379,
0.2970

 31.6984, 0.3674,
0.2611


 83.1793, 0.3532,
0.2782

 21.1313, 0.3747,
0.2525


 108.2139, 0.3500,
0.2821

 13.2200, 0.3841,
0.2415


137.8265, 0.3472,
0.2855

 7.5802, 0.3968,
0.2270

172.4013, 0.3448,
0.2884

 3.8275, 0.4149,
0.2068

212.3228, 0.3428,
0.2910

 1.5776, 0.4426,
0.1772

257.9753, 0.3410,

 0.3424, 0.5048,

0.2932

0.1036

309.7433, 0.3393,
0.2952

■ 0.0000, 0.8837,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.3059, 0.3617,
0.2679

■ 45.3059, 0.3617,
0.2679

■ 37.9185, 0.3788,
0.2546

■ 54.4449, 0.3468,
0.2824

■ 32.1612, 0.3981,
0.2435

■ 65.4335, 0.3342,
0.2972

■ 27.9071, 0.4189,
0.2359

■ 78.3701, 0.3235,
0.3118

■ 25.0075, 0.4406,
0.2330

■ 93.3444, 0.3147,
0.3257

■ 23.2826, 0.4622,
0.2356

99.4360, 0.3109,
0.3290

■ 22.5577, 0.4779,
0.2406

Harmonies

Analogous

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



45.3059, 0.2907, 0.2356



45.3059, 0.3617, 0.2679



45.3059, 0.4234, 0.3136

Triad

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



45.3059, 0.3617, 0.2679



45.3059, 0.3874, 0.4513



45.3059, 0.1917, 0.2683

Complementary

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



45.3059, 0.3617, 0.2679



79.4943, 0.2828, 0.4006

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.



45.3059, 0.2113, 0.3308



45.3059, 0.3617, 0.2679



45.3059, 0.3221, 0.4510

Square

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



45.3059, 0.3617, 0.2679



45.3059, 0.4358, 0.4157



45.3059, 0.2577, 0.4035



45.3059, 0.1994, 0.2321

Rectangle

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



45.3059, 0.3617, 0.2679



45.3059, 0.4465, 0.3480



45.3059, 0.2577, 0.4035



45.3059, 0.1951, 0.2865

Sweetspot

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



45.3081, 0.3617, 0.2679



79.7216, 0.3241, 0.3110



38.4060, 0.2669, 0.2081



16.4030, 0.3263, 0.3078



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.



45.3081, 0.3617, 0.2679



39.9293, 0.3762, 0.2564



43.2205, 0.4165, 0.3217



17.3854, 0.3207, 0.3160



11.7804, 0.4746, 0.2388



1.1124, 0.4511, 0.2259

Inverse Universe

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



45.3081, 0.3617, 0.2679



39.9293, 0.3762, 0.2564



82.2278, 0.2580, 0.3370



17.3854, 0.3207, 0.3160



11.7804, 0.4746, 0.2388



1.1124, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 45.3059, 0.3617, 0.2679 looks on a white background.

Color Contrast Check

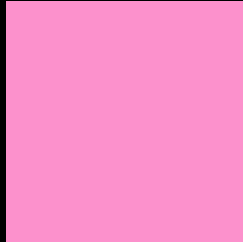
Large Text (above 18pt) WCAG AA × Fail

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 45.3059, 0.3617, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

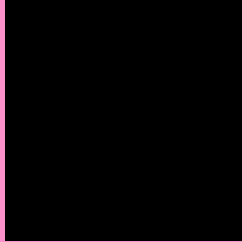
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3059, 0.3617, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 45.3059, 0.3617, 0.2679.

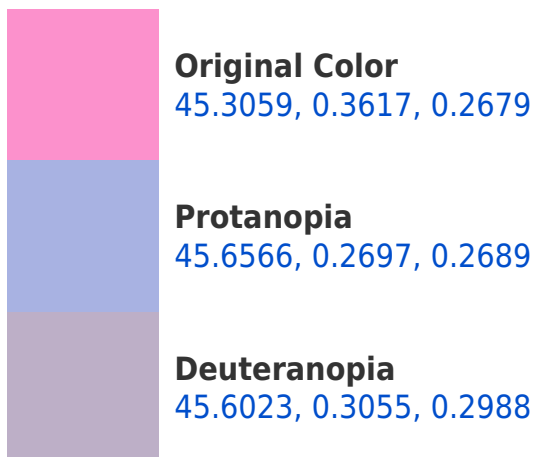


This preview shows how white text looks on a background with the Yxy color 45.3059, 0.3617, 0.2679.

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





Tritanopia

45.4193, 0.3969, 0.3174

Trichromacy



Original Color

45.3059, 0.3617, 0.2679



Protanomaly

44.4765, 0.2992, 0.2670



Deuteranomaly

44.7650, 0.3248, 0.2852



Tritanomaly

45.2071, 0.3832, 0.2981

Monochromacy



Original Color

45.3059, 0.3617, 0.2679



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.0663, 0.3301, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3059, 0.3617, 0.2679 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(252, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 145, 204)  
}
```

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(252, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 145, 204) }
```

Border

The CSS property to change the border of an element to Yxy 45.3059, 0.3617, 0.2679 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(252, 145, 204) }
```

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

```
.border{ border-color:rgb(252, 145, 204) }
```

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

Here you see how a box with a 4 pixel rgb(252, 145, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 145, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 145, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 145,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3059, 0.3617, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 145, 204) }
```

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

```
.background{ background-color: rgb(252,  
145, 204) }
```

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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