

Converting Colors

$Y_{xy}(41.5375, 0.4049, 0.2947)$

Have a look what the booklet for
Yxy(41.5375, 0.4049, 0.2947)
contains.

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Color

Yxy(41.4525, 0.4046, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	FF87A9
RGB	255, 135, 169
RGB Percent	100%, 53%, 66%
CMY	0.0000, 0.4706, 0.3373
CMYK	0.00, 0.47, 0.34, 0.00
HSL	343°, 100%, 76%
HSV	343°, 47%, 100%
XYZ	57.0659, 41.4525, 42.5244
YIQ	174.7560, 60.6060, 36.0140

Conversions

Conversions Part 2

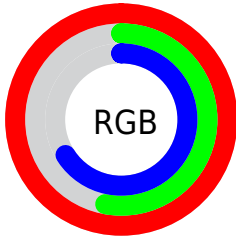
Format	Color
R_{YB}	255, 135, 169
Decimal	16746409
CIE _{Lab}	70.49, 49.00, 2.93
CIE _{LCh}	70, 49.088, 3.424
Yxy	41.4525, 0.4046, 0.2939
Android (android.graphics.Color)	4294936489 (0xFFFF87A9)
YUV	174.7560, -2.8377, 70.3740
Hunter-Lab	64.3836, 45.5408, 5.9084

Details

The Yxy color **41.4525, 0.4046, 0.2939** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.8926, 0.2651, 0.3692**, and the grayscale version is **42.7288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9034, 0.3391, 0.2955**, and **18.7713, 0.4318, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **34.5304, 0.4363, 0.2879**, and if you desaturate by 10%, it is **50.1765, 0.3775, 0.3012**.

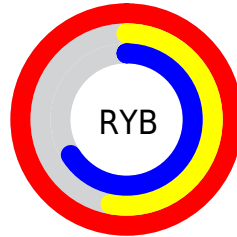
Distribution



Red (100%)

Green (53%)

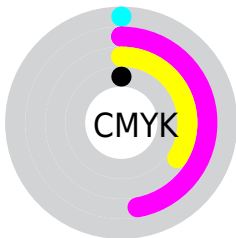
Blue (66%)



Red (100%)

Yellow (53%)

Blue (66%)

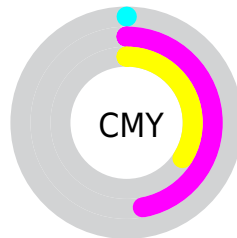


Cyan (0%)

Magenta (47%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4525, 0.4046, 0.2939 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 41.4525, 0.4046, 0.2939 by changing the saturation by 10% instead.


 41.4525, 0.4046,
0.2939

 41.4525, 0.4046,
0.2939


352.2083, 0.3578,
0.3121

 28.6728, 0.4165,
0.2892

 77.3703, 0.3874,
0.3007

 18.8335, 0.4319,
0.2830


 101.2773, 0.3810,
0.3032

 11.5500, 0.4525,
0.2747


 129.6621, 0.3756,
0.3053

 6.4381, 0.4814,
0.2628

162.9092, 0.3710,
0.3070

 3.1132, 0.5245,
0.2446

201.4030, 0.3670,
0.3086

 1.1911, 0.5945,
0.2143

245.5278, 0.3635,

 0.0544, 0.9603,

0.3099

0.0397

295.6681, 0.3605,
0.3111

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.4525, 0.4046,
0.2939

41.4525, 0.4046,
0.2939

34.5304, 0.4363,
0.2879

50.1765, 0.3775,
0.3012

29.2793, 0.4721,
0.2844

60.8142, 0.3550,
0.3089

25.5558, 0.5099,
0.2844

73.4723, 0.3366,
0.3167

23.1903, 0.5467,
0.2889

88.2483, 0.3216,
0.3241

■ 21.9673, 0.5786,
0.2978

100.0000, 0.3127,
0.3290

■ 21.7308, 0.5869,
0.3007

Harmonies

Analogous

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



41.4525, 0.3342, 0.2518



41.4525, 0.4046, 0.2939



41.4525, 0.4486, 0.3452

Triad

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



41.4525, 0.4046, 0.2939



41.4525, 0.3489, 0.4600



41.4525, 0.1907, 0.2408

Complementary

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



41.4525, 0.4046, 0.2939



81.8926, 0.2651, 0.3692

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.



41.4525, 0.1934, 0.2886



41.4525, 0.4046, 0.2939



41.4525, 0.2804, 0.4296

Square

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



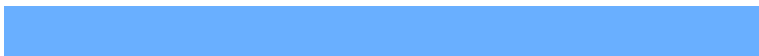
41.4525, 0.4046, 0.2939



41.4525, 0.4111, 0.4429



41.4525, 0.2243, 0.3601



41.4525, 0.2150, 0.2209

Rectangle

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



41.4525, 0.4046, 0.2939



41.4525, 0.4541, 0.3809



41.4525, 0.2243, 0.3601



41.4525, 0.1886, 0.2535

Sweetspot

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



41.4536, 0.4046, 0.2939



77.7598, 0.3316, 0.3190



39.9218, 0.2887, 0.2039



15.9916, 0.3351, 0.3173



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.



41.4536, 0.4046, 0.2939



35.1807, 0.4328, 0.2885



48.5006, 0.4289, 0.3564



18.0716, 0.3250, 0.3223



11.3767, 0.5827, 0.2984



1.1255, 0.5507, 0.2808

Inverse Universe

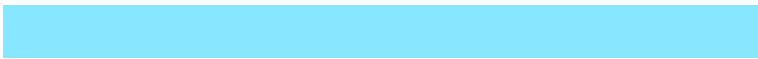
The Inverse Universe completely reimagines the original color for something new.



41.4536, 0.4046, 0.2939



35.1807, 0.4328, 0.2885



68.4106, 0.2445, 0.2983



18.0716, 0.3250, 0.3223



11.3767, 0.5827, 0.2984



1.1255, 0.5507, 0.2808

Previews

White Background



This preview shows how the Yxy color 41.4525, 0.4046, 0.2939 looks on a white background.

Color Contrast Check

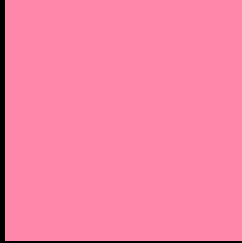
Large Text (above 18pt) WCAG AA × Fail

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 41.4525, 0.4046, 0.2939 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 41.4525, 0.4046, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 41.4525, 0.4046, 0.2939.



This preview shows how white text looks on a background with the Yxy color 41.4525, 0.4046, 0.2939.

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

41.4525, 0.4046, 0.2939

Protanopia

41.9246, 0.2965, 0.3036

Deuteranopia

41.6552, 0.3399, 0.3330



Tritanopia

41.5178, 0.4236, 0.3188

Trichromacy



Original Color

41.4525, 0.4046, 0.2939



Protanomaly

40.7717, 0.3322, 0.2990



Deuteranomaly

40.7948, 0.3632, 0.3158



Tritanomaly

41.6481, 0.4172, 0.3105

Monochromacy



Original Color

41.4525, 0.4046, 0.2939



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.9961, 0.3434, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4525, 0.4046, 0.2939 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, 135, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 169)  
}
```

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, 135, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 169) }
```

Border

The CSS property to change the border of an element to Yxy 41.4525, 0.4046, 0.2939 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, 135, 169) }
```

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

```
.border{ border-color:rgb(255, 135, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4525, 0.4046, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 169) }
```

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

```
.background{ background-color: rgb(255,  
135, 169) }
```

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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