

Converting Colors

$Y_{xy}(46.4885, 0.3543, 0.2590)$

Have a look what the booklet for
Yxy(46.4885, 0.3543, 0.2590)
contains.

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Color

Yxy(46.3658, 0.3546, 0.2589)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF91D6 |
| RGB | 255, 145, 214 |
| RGB Percent | 100%, 57%, 84% |
| CMY | 0.0000, 0.4314, 0.1608 |
| CMYK | 0.00, 0.43, 0.16, 0.00 |
| HSL | 322°, 100%, 78% |
| HSV | 322°, 43%, 100% |
| XYZ | 63.5045, 46.3658, 69.2174 |
| YIQ | 185.7560, 43.4110, 44.7790 |

Conversions

Conversions Part 2

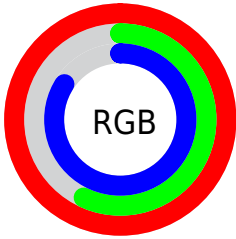
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 145, 214 |
| Decimal | 16749014 |
| CIE Lab | 73.78, 50.12, -17.17 |
| CIE LCh | 74, 52.979, 341.088 |
| Yxy | 46.3658, 0.3546, 0.2589 |
| Android (android.graphics.Color) | 4294939094 (0xFFFF91D6) |
| YUV | 185.7560, 13.9243, 60.7270 |
| Hunter-Lab | 68.0924, 47.3112, -12.6048 |

Details

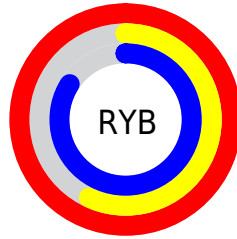
The Yxy color $46.3658, 0.3546, 0.2589$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81.0854, 0.2865, 0.4126$, and the grayscale version is $48.8615, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $21.7211, 0.3651, 0.2420$ is the 20% darker color. If you saturate the color by 10%, you get $38.9568, 0.3686, 0.2440$, and if you desaturate by 10%, it is $55.5531, 0.3422, 0.2752$.

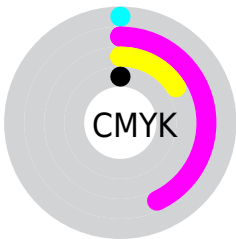
Distribution



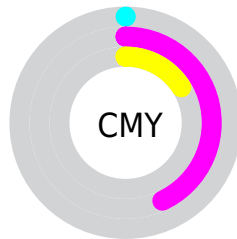
- Red (100%)
- Green (57%)
- Blue (84%)



- Red (100%)
- Yellow (57%)
- Blue (84%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3658, 0.3546, 0.2589 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 46.3658, 0.3546, 0.2589 by changing the saturation by 10% instead.


 46.3658, 0.3546,
0.2589


 46.3658, 0.3546,
0.2589


372.2773, 0.3347,
0.2918

 32.5346, 0.3593,
0.2513


 84.7662, 0.3476,
0.2704

 21.7701, 0.3651,
0.2419


 110.1041, 0.3449,
0.2748

 13.6881, 0.3725,
0.2300


140.0465, 0.3426,
0.2786

 7.9041, 0.3824,
0.2143

174.9775, 0.3406,
0.2820

 4.0336, 0.3960,
0.1931

215.2818, 0.3389,
0.2849

 1.6924, 0.4160,
0.1628

261.3435, 0.3373,

 0.4187, 0.4557,

0.2875

0.1011

313.5473, 0.3359,
0.2897

0.0000, 0.5579,
0.0000

0.0000, 0.0000,
0.0000

46.3658, 0.3546,
0.2589

46.3658, 0.3546,
0.2589

38.9568, 0.3686,
0.2440

55.5531, 0.3422,
0.2752

33.2053, 0.3841,
0.2315

66.6246, 0.3316,
0.2919

28.9783, 0.4007,
0.2227

79.6804, 0.3225,
0.3083

26.1215, 0.4178,
0.2185

94.8126, 0.3148,
0.3242

■ 24.4470, 0.4347,
0.2197

100.0000, 0.3127,
0.3290

■ 23.7961, 0.4460,
0.2230

Harmonies

Analogous

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



46.3658, 0.2798, 0.2274



46.3658, 0.3546, 0.2589



46.3658, 0.4236, 0.3053

Triad

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



46.3658, 0.3546, 0.2589



46.3658, 0.3995, 0.4553



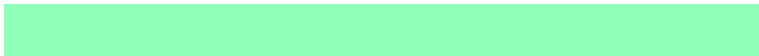
46.3658, 0.1860, 0.2712

Complementary

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



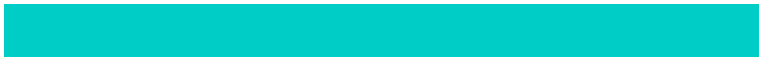
46.3658, 0.3546, 0.2589



81.0854, 0.2865, 0.4126

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.



46.3658, 0.2101, 0.3407



46.3658, 0.3546, 0.2589



46.3658, 0.3314, 0.4627

Square

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



46.3658, 0.3546, 0.2589



46.3658, 0.4475, 0.4133



46.3658, 0.2621, 0.4180



46.3658, 0.1905, 0.2296

Rectangle

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



46.3658, 0.3546, 0.2589



46.3658, 0.4519, 0.3409



46.3658, 0.2621, 0.4180



46.3658, 0.1907, 0.2917

Sweetspot

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



46.3664, 0.3546, 0.2589



79.8724, 0.3224, 0.3086



37.8276, 0.2602, 0.2040



16.4403, 0.3242, 0.3050



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.



46.3664, 0.3546, 0.2589



39.7129, 0.3669, 0.2456



44.0381, 0.4112, 0.3139



18.1788, 0.3196, 0.3142



12.4638, 0.4433, 0.2216



1.2347, 0.4256, 0.2118

Inverse Universe

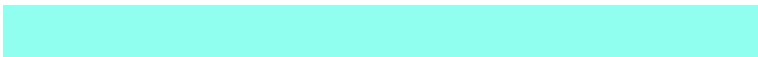
The Inverse Universe completely reimagines the original color for something new.



46.3664, 0.3546, 0.2589



39.7129, 0.3669, 0.2456



83.8511, 0.2606, 0.3456



18.1788, 0.3196, 0.3142



12.4638, 0.4433, 0.2216



1.2347, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 46.3658, 0.3546, 0.2589 looks on a white background.

Color Contrast Check

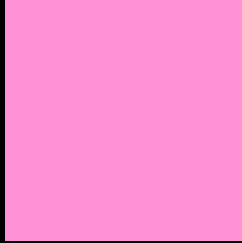
Large Text (above 18pt) WCAG AA × Fail

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 46.3658, 0.3546, 0.2589 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 46.3658, 0.3546, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 46.3658, 0.3546, 0.2589.



This preview shows how white text looks on a background with the Yxy color 46.3658, 0.3546, 0.2589.

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

46.3658, 0.3546, 0.2589

Protanopia

46.9226, 0.2611, 0.2580

Deuteranopia

46.5631, 0.2969, 0.2904



Tritanopia

46.5199, 0.3960, 0.3174

Trichromacy



Original Color

46.3658, 0.3546, 0.2589



Protanomaly

45.3003, 0.2900, 0.2563



Deuteranomaly

45.5605, 0.3170, 0.2764



Tritanomaly

46.2476, 0.3816, 0.2954

Monochromacy



Original Color

46.3658, 0.3546, 0.2589



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

46.9602, 0.3275, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3658, 0.3546, 0.2589 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, 145, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 214)  
}
```

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, 145, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 214) }
```

Border

The CSS property to change the border of an element to Yxy 46.3658, 0.3546, 0.2589 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, 145, 214) }
```

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

```
.border{ border-color:rgb(255, 145, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3658, 0.3546, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 214) }
```

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

```
.background{ background-color: rgb(255,  
145, 214) }
```

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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