

Converting Colors

$Y_{xy}(46.1907, 0.3600, 0.2646)$

Have a look what the booklet for
Yxy(46.1907, 0.3600, 0.2646)
contains.

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Color

Yxy(46.0649, 0.3605, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	FF91D0
RGB	255, 145, 208
RGB Percent	100%, 57%, 82%
CMY	0.0000, 0.4314, 0.1843
CMYK	0.00, 0.43, 0.18, 0.00
HSL	326°, 100%, 78%
HSV	326°, 43%, 100%
XYZ	62.7604, 46.0649, 65.2673
YIQ	185.0720, 45.3370, 42.9130

Conversions

Conversions Part 2

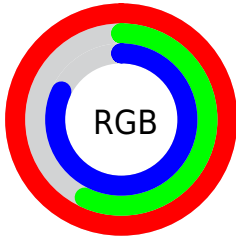
Format	Color
RYB	255, 145, 208
Decimal	16749008
CIELab	73.59, 49.24, -14.17
CIELCh	74, 51.242, 343.945
Yxy	46.0649, 0.3605, 0.2646
Android (android.graphics.Color)	4294939088 (0xFFFF91D0)
YUV	185.0720, 11.3035, 61.3269
Hunter-Lab	67.8711, 46.2843, -9.5056

Details

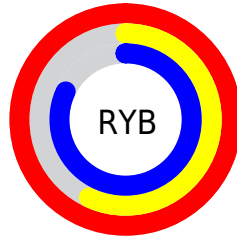
The Yxy color $46.0649, 0.3605, 0.2646$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.3429, 0.2835, 0.4050$, and the grayscale version is $48.4700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $21.5510, 0.3721, 0.2479$ is the 20% darker color. If you saturate the color by 10%, you get $38.6064, 0.3768, 0.2509$, and if you desaturate by 10%, it is $55.3013, 0.3462, 0.2796$.

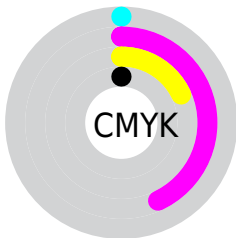
Distribution



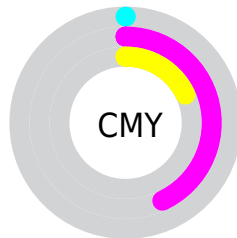
- Red (100%)
- Green (57%)
- Blue (82%)



- Red (100%)
- Yellow (57%)
- Blue (82%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0649, 0.3605, 0.2646 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 46.0649, 0.3605, 0.2646 by changing the saturation by 10% instead.


 46.0649, 0.3605,
0.2646

 46.0649, 0.3605,
0.2646

371.0695, 0.3375,
0.2951

 32.2970, 0.3660,
0.2575


 84.3161, 0.3523,
0.2753

 21.5885, 0.3729,
0.2487


 109.5683, 0.3492,
0.2794

 13.5548, 0.3818,
0.2374


139.4173, 0.3465,
0.2830

 7.8117, 0.3938,
0.2225

174.2476, 0.3442,
0.2860

 3.9747, 0.4107,
0.2020

214.4436, 0.3422,
0.2887

 1.6594, 0.4362,
0.1723

260.3896, 0.3404,

 0.3972, 0.4891,

0.2911

0.1070

312.4701, 0.3389,
0.2932

0.0000, 0.7077,
0.0000

0.0000, 0.0000,
0.0000

46.0649, 0.3605,
0.2646

46.0649, 0.3605,
0.2646

38.6064, 0.3768,
0.2509

55.3013, 0.3462,
0.2796

32.8179, 0.3951,
0.2395

66.4350, 0.3340,
0.2950

28.5619, 0.4148,
0.2318

79.5617, 0.3237,
0.3101

25.6834, 0.4352,
0.2288

94.7740, 0.3151,
0.3246

■ 23.9947, 0.4553,
0.2312

100.0000, 0.3127,
0.3290

■ 23.3383, 0.4687,
0.2356

Harmonies

Analogous

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



46.0649, 0.2874, 0.2321



46.0649, 0.3605, 0.2646



46.0649, 0.4252, 0.3110

Triad

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



46.0649, 0.3605, 0.2646



46.0649, 0.3916, 0.4542



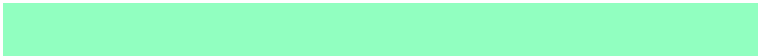
46.0649, 0.1885, 0.2681

Complementary

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



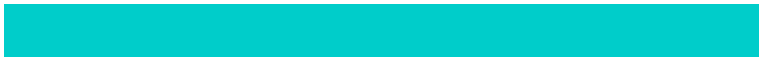
46.0649, 0.3605, 0.2646



81.3429, 0.2835, 0.4050

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.



46.0649, 0.2095, 0.3333



46.0649, 0.3605, 0.2646



46.0649, 0.3246, 0.4563

Square

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



46.0649, 0.3605, 0.2646



46.0649, 0.4407, 0.4161



46.0649, 0.2580, 0.4087



46.0649, 0.1954, 0.2300

Rectangle

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



46.0649, 0.3605, 0.2646



46.0649, 0.4500, 0.3461



46.0649, 0.2580, 0.4087



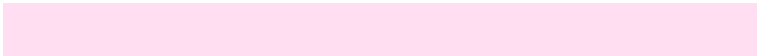
46.0649, 0.1923, 0.2871

Sweetspot

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



46.0611, 0.3605, 0.2646



79.7644, 0.3236, 0.3103



38.5200, 0.2645, 0.2054



16.4136, 0.3257, 0.3070



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.



46.0611, 0.3605, 0.2646



39.3718, 0.3748, 0.2523



43.8445, 0.4172, 0.3197



18.1615, 0.3204, 0.3155



12.2253, 0.4656, 0.2339



1.2122, 0.4445, 0.2222

Inverse Universe

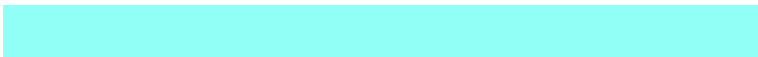
The Inverse Universe completely reimagines the original color for something new.



46.0611, 0.3605, 0.2646



39.3718, 0.3748, 0.2523



84.1819, 0.2581, 0.3392



18.1615, 0.3204, 0.3155



12.2253, 0.4656, 0.2339



1.2122, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 46.0649, 0.3605, 0.2646 looks on a white background.

Color Contrast Check

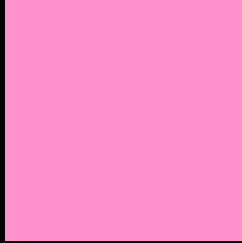
Large Text (above 18pt) WCAG AA × Fail

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 46.0649, 0.3605, 0.2646 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 46.0649, 0.3605, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 46.0649, 0.3605, 0.2646.



This preview shows how white text looks on a background with the Yxy color 46.0649, 0.3605, 0.2646.

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

46.0649, 0.3605, 0.2646

Protanopia

46.3346, 0.2666, 0.2646

Deuteranopia

46.1813, 0.3024, 0.2953



Tritanopia

45.8231, 0.3977, 0.3164

Trichromacy



Original Color

46.0649, 0.3605, 0.2646



Protanomaly

45.2445, 0.2962, 0.2630



Deuteranomaly

45.4642, 0.3221, 0.2821



Tritanomaly

45.8443, 0.3840, 0.2964

Monochromacy



Original Color

46.0649, 0.3605, 0.2646



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.3013, 0.3293, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0649, 0.3605, 0.2646 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 208) }
```

Border

The CSS property to change the border of an element to Yxy 46.0649, 0.3605, 0.2646 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, 208) }
```

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

```
.border{ border-color:rgb(255, 145, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0649, 0.3605, 0.2646 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
145, 208) }
```

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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