

Converting Colors

$Y_{xy}(46.5473, 0.3579, 0.2690)$

Have a look what the booklet for
Yxy(46.5473, 0.3579, 0.2690)
contains.

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Color

Yxy(46.6953, 0.3580, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	FC95CF
RGB	252, 149, 207
RGB Percent	99%, 58%, 81%
CMY	0.0119, 0.4156, 0.1884
CMYK	0.00, 0.41, 0.18, 0.01
HSL	326°, 94%, 79%
HSV	326°, 41%, 99%
XYZ	62.1447, 46.6953, 64.7485
YIQ	186.4090, 42.7700, 39.8740

Conversions

Conversions Part 2

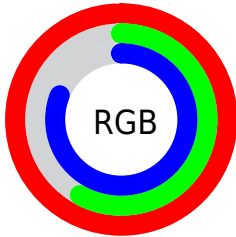
Format	Color
RYB	252, 149, 207
Decimal	16553423
CIELab	73.99, 46.06, -13.02
CIELCh	74, 47.867, 344.214
Yxy	46.6953, 0.3580, 0.2690
Android (android.graphics.Color)	4294743503 (0xFFFC95CF)
YUV	186.4090, 10.1514, 57.5233
Hunter-Lab	68.3340, 42.7481, -8.3453

Details

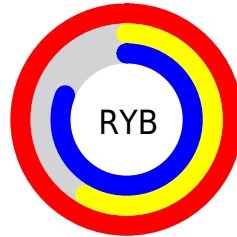
The Yxy color **46.6953, 0.3580, 0.2690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.8936, 0.2843, 0.3988**, and the grayscale version is **49.2700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1426, 0.3150, 0.2801**, and **21.9537, 0.3700, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **39.0466, 0.3743, 0.2551**, and if you desaturate by 10%, it is **56.1106, 0.3439, 0.2839**.

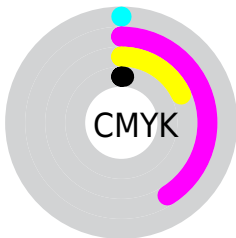
Distribution



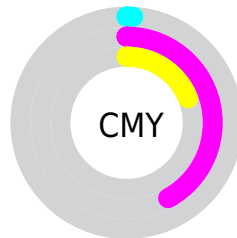
- Red (99%)
- Green (58%)
- Blue (81%)



- Red (99%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6953, 0.3580, 0.2690 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 46.6953, 0.3580, 0.2690 by changing the saturation by 10% instead.


 46.6953, 0.3580,
0.2690


 46.6953, 0.3580,
0.2690


373.5970, 0.3361,
0.2975

 32.7948, 0.3632,
0.2623


 85.2586, 0.3502,
0.2790

 21.9693, 0.3698,
0.2540


 110.6903, 0.3473,
0.2829

 13.8344, 0.3783,
0.2434


140.7345, 0.3447,
0.2862

 8.0056, 0.3898,
0.2294

175.7755, 0.3425,
0.2890

 4.0985, 0.4060,
0.2099

216.1980, 0.3406,
0.2915

 1.7288, 0.4306,
0.1816

262.3861, 0.3390,

 0.4422, 0.4806,

0.2937

0.1209

314.7243, 0.3375,
0.2957

0.0000, 0.7253,
0.0000

0.0000, 0.0000,
0.0000

46.6953, 0.3580,
0.2690

46.6953, 0.3580,
0.2690

39.0466, 0.3743,
0.2551

56.1106, 0.3439,
0.2839

33.0449, 0.3926,
0.2434

67.3890, 0.3319,
0.2990

28.5660, 0.4126,
0.2349

80.6276, 0.3218,
0.3138

25.4650, 0.4335,
0.2309

95.9150, 0.3134,
0.3278

■ 23.5685, 0.4544,
0.2323

99.4307, 0.3108,
0.3290

■ 22.6383, 0.4729,
0.2379

Harmonies

Analogous

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



46.6953, 0.2899, 0.2381



46.6953, 0.3580, 0.2690



46.6953, 0.4177, 0.3131

Triad

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



46.6953, 0.3580, 0.2690



46.6953, 0.3866, 0.4461



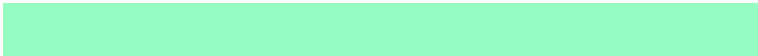
46.6953, 0.1960, 0.2722

Complementary

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



46.6953, 0.3580, 0.2690



79.8936, 0.2843, 0.3988

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.



46.6953, 0.2159, 0.3329



46.6953, 0.3580, 0.2690



46.6953, 0.3239, 0.4464

Square

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



46.6953, 0.3580, 0.2690



46.6953, 0.4322, 0.4119



46.6953, 0.2615, 0.4020



46.6953, 0.2027, 0.2363

Rectangle

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



46.6953, 0.3580, 0.2690



46.6953, 0.4407, 0.3464



46.6953, 0.2615, 0.4020



46.6953, 0.1996, 0.2901

Sweetspot

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



46.6975, 0.3580, 0.2690



81.1747, 0.3229, 0.3121



39.9514, 0.2691, 0.2130



16.9757, 0.3241, 0.3102



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.



46.6975, 0.3580, 0.2690



41.4263, 0.3711, 0.2575



44.5906, 0.4107, 0.3220



17.3889, 0.3205, 0.3157



11.8254, 0.4697, 0.2361



1.1165, 0.4470, 0.2236

Inverse Universe

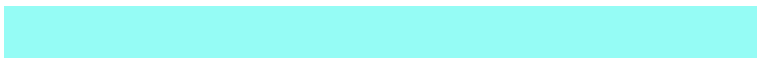
The Inverse Universe completely reimagines the original color for something new.



46.6975, 0.3580, 0.2690



41.4263, 0.3711, 0.2575



82.5964, 0.2596, 0.3366



17.3889, 0.3205, 0.3157



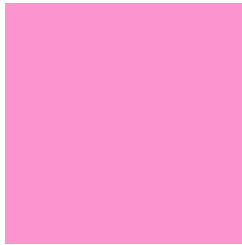
11.8254, 0.4697, 0.2361



1.1165, 0.4470, 0.2236

Previews

White Background



This preview shows how the Yxy color 46.6953, 0.3580, 0.2690 looks on a white background.

Color Contrast Check

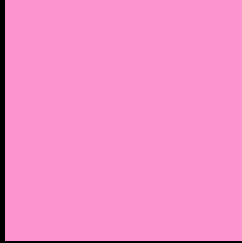
Large Text (above 18pt) WCAG AA × Fail

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 46.6953, 0.3580, 0.2690 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 46.6953, 0.3580, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 46.6953, 0.3580, 0.2690.



This preview shows how white text looks on a background with the Yxy color 46.6953, 0.3580, 0.2690.

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

46.6953, 0.3580, 0.2690

Protanopia

46.9019, 0.2708, 0.2696

Deuteranopia

46.7849, 0.3048, 0.2979



Tritanopia

46.5605, 0.3917, 0.3163

Trichromacy



Original Color

46.6953, 0.3580, 0.2690



Protanomaly

45.8226, 0.2985, 0.2686



Deuteranomaly

46.1432, 0.3228, 0.2856



Tritanomaly

46.2996, 0.3793, 0.2982

Monochromacy



Original Color

46.6953, 0.3580, 0.2690



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.4838, 0.3281, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6953, 0.3580, 0.2690 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, 149, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 207)  
}
```

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, 149, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 207) }
```

Border

The CSS property to change the border of an element to Yxy 46.6953, 0.3580, 0.2690 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, 149, 207) }
```

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

```
.border{ border-color:rgb(252, 149, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6953, 0.3580, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 207) }
```

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

```
.background{ background-color: rgb(252,  
149, 207) }
```

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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