

Converting Colors

$Y_{xy}(46.9025, 0.3945, 0.2985)$

Have a look what the booklet for
Yxy(46.9025, 0.3945, 0.2985)
contains.

Yxy(46.0096, 0.3892, 0.2978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.0096, 0.3892, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	FF95B3
RGB	255, 149, 179
RGB Percent	100%, 58%, 70%
CMY	0.0000, 0.4157, 0.2980
CMYK	0.00, 0.42, 0.30, 0.00
HSL	343°, 100%, 79%
HSV	343°, 42%, 100%
XYZ	60.1307, 46.0096, 48.3580
YIQ	184.1140, 53.5460, 31.8020

Conversions

Conversions Part 2

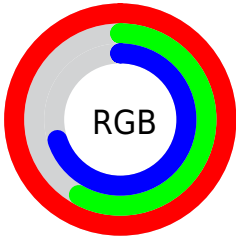
Format	Color
R _Y B	255, 149, 179
Decimal	16750003
CIE Lab	73.55, 43.23, 1.81
CIE LCh	74, 43.268, 2.394
Yxy	46.0096, 0.3892, 0.2978
Android (android.graphics.Color)	4294940083 (0xFFFF95B3)
YUV	184.1140, -2.5212, 62.1670
Hunter-Lab	67.8304, 39.5348, 5.2119

Details

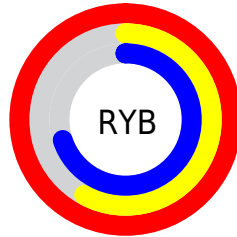
The Yxy color **46.0096, 0.3892, 0.2978** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.3447, 0.2694, 0.3637**, and the grayscale version is **47.9874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9208, 0.3292, 0.2990**, and **21.6079, 0.4116, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **38.1116, 0.4184, 0.2910**, and if you desaturate by 10%, it is **55.7668, 0.3646, 0.3054**.

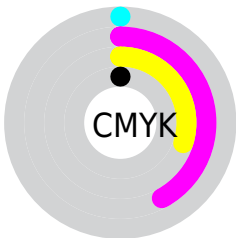
Distribution



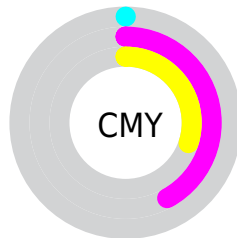
- Red (100%)
- Green (58%)
- Blue (70%)



- Red (100%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0096, 0.3892, 0.2978 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 46.0096, 0.3892, 0.2978 by changing the saturation by 10% instead.


 46.0096, 0.3892,
0.2978

 46.0096, 0.3892,
0.2978

370.8472, 0.3509,
0.3136

 32.2534, 0.3988,
0.2938


 84.2334, 0.3753,
0.3036

 21.5551, 0.4110,
0.2887


 109.4697, 0.3700,
0.3057

 13.5304, 0.4273,
0.2818


139.3016, 0.3656,
0.3076

 7.7948, 0.4498,
0.2722

174.1133, 0.3618,
0.3091

 3.9639, 0.4830,
0.2579

214.2894, 0.3585,
0.3105

 1.6534, 0.5360,
0.2347

260.2141, 0.3557,

 0.3932, 0.6940,

0.3117

0.1731

312.2719, 0.3531,
0.3127

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0096, 0.3892,
0.2978

46.0096, 0.3892,
0.2978

38.1116, 0.4184,
0.2910

55.7668, 0.3646,
0.3054

31.9600, 0.4521,
0.2860

67.5003, 0.3444,
0.3132

27.4177, 0.4891,
0.2839

81.3086, 0.3280,
0.3208

24.3303, 0.5270,
0.2859

97.2859, 0.3146,
0.3279

■ 22.5124, 0.5620,
0.2924

100.0000, 0.3127,
0.3290

■ 21.7302, 0.5869,
0.3007

Harmonies

Analogous

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



46.0096, 0.3294, 0.2609



46.0096, 0.3892, 0.2978



46.0096, 0.4277, 0.3430

Triad

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



46.0096, 0.3892, 0.2978



46.0096, 0.3472, 0.4398



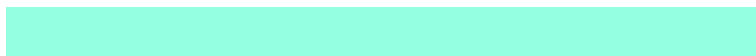
46.0096, 0.2062, 0.2546

Complementary

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



46.0096, 0.3892, 0.2978



83.3447, 0.2694, 0.3637

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.



46.0096, 0.2098, 0.2975



46.0096, 0.3892, 0.2978



46.0096, 0.2879, 0.4146

Square

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



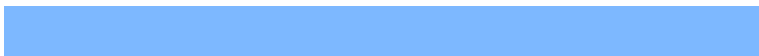
46.0096, 0.3892, 0.2978



46.0096, 0.3999, 0.4267



46.0096, 0.2383, 0.3580



46.0096, 0.2269, 0.2354

Rectangle

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



46.0096, 0.3892, 0.2978



46.0096, 0.4338, 0.3743



46.0096, 0.2383, 0.3580



46.0096, 0.2046, 0.2663

Sweetspot

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



46.0071, 0.3892, 0.2978



80.6733, 0.3286, 0.3205



44.7143, 0.2924, 0.2185



16.8580, 0.3306, 0.3195



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.



46.0071, 0.3892, 0.2978



39.2338, 0.4135, 0.2920



52.9198, 0.4101, 0.3534



18.0716, 0.3250, 0.3223



11.3764, 0.5828, 0.2984



1.1254, 0.5508, 0.2808

Inverse Universe

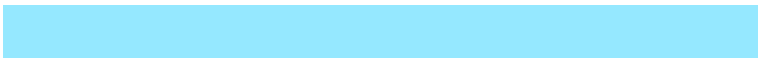
The Inverse Universe completely reimagines the original color for something new.



46.0071, 0.3892, 0.2978



39.2338, 0.4135, 0.2920



71.3399, 0.2514, 0.3024



18.0716, 0.3250, 0.3223



11.3764, 0.5828, 0.2984



1.1254, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 46.0096, 0.3892, 0.2978 looks on a white background.

Color Contrast Check

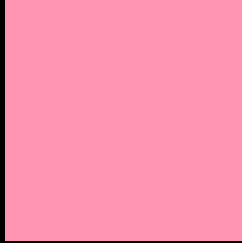
Large Text (above 18pt) WCAG AA × Fail

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 46.0096, 0.3892, 0.2978 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 46.0096, 0.3892, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 46.0096, 0.3892, 0.2978.



This preview shows how white text looks on a background with the Yxy color 46.0096, 0.3892, 0.2978.

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

46.0096, 0.3892, 0.2978

Protanopia

46.3770, 0.2995, 0.3072

Deuteranopia

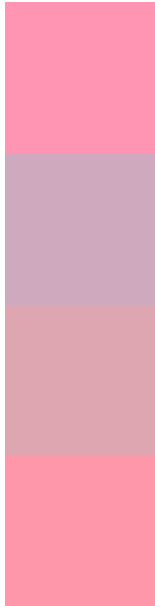
46.1334, 0.3369, 0.3303



Tritanopia

45.9835, 0.4030, 0.3176

Trichromacy



Original Color

46.0096, 0.3892, 0.2978

Protanomaly

45.3590, 0.3293, 0.3035

Deuteranomaly

45.7792, 0.3555, 0.3173

Tritanomaly

46.0686, 0.3980, 0.3103

Monochromacy



Original Color

46.0096, 0.3892, 0.2978

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.2049, 0.3388, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0096, 0.3892, 0.2978 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, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 179)  
}
```

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, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 179) }
```

Border

The CSS property to change the border of an element to Yxy 46.0096, 0.3892, 0.2978 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, 149, 179) }
```

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

```
.border{ border-color:rgb(255, 149, 179) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0096, 0.3892, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 179) }
```

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

```
.background{ background-color: rgb(255,  
149, 179) }
```

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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