

Converting Colors

$Y_{xy}(54.7240, 0.4329, 0.2997)$

Have a look what the booklet for
Yxy(54.7240, 0.4329, 0.2997)
contains.

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Color

Yxy(44.4612, 0.3907, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	FF90B3
RGB	255, 144, 179
RGB Percent	100%, 56%, 70%
CMY	0.0000, 0.4352, 0.2981
CMYK	0.00, 0.44, 0.30, 0.00
HSL	341°, 100%, 78%
HSV	341°, 44%, 100%
XYZ	59.3474, 44.4612, 48.0916
YIQ	181.1790, 54.9210, 34.4170

Conversions

Conversions Part 2

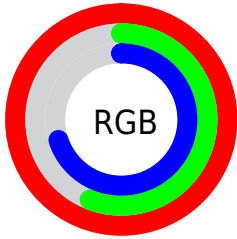
Format	Color
R_{YB}	255, 144, 179
Decimal	16748723
CIE _{Lab}	72.54, 45.74, 0.34
CIE _{LCh}	73, 45.739, 0.421
Yxy	44.4612, 0.3907, 0.2927
Android (android.graphics.Color)	4294938803 (0xFFFF90B3)
YUV	181.1790, -1.0742, 64.7410
Hunter-Lab	66.6792, 42.1841, 3.9132

Details

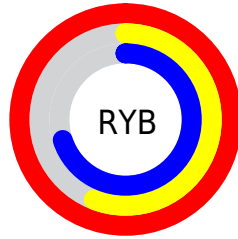
The Yxy color **44.4612, 0.3907, 0.2927** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.6169, 0.2695, 0.3700**, and the grayscale version is **46.2953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5667, 0.3297, 0.2940**, and **20.7243, 0.4139, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **36.9287, 0.4193, 0.2854**, and if you desaturate by 10%, it is **53.8319, 0.3665, 0.3011**.

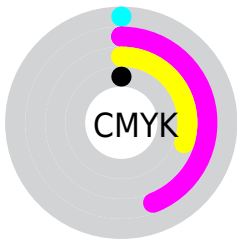
Distribution



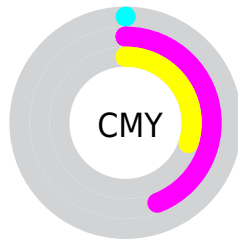
- Red (100%)
- Green (56%)
- Blue (70%)



- Red (100%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4612, 0.3907, 0.2927 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 44.4612, 0.3907, 0.2927 by changing the saturation by 10% instead.


 44.4612, 0.3907,
0.2927

 44.4612, 0.3907,
0.2927


364.5870, 0.3515,
0.3110

 31.0332, 0.4005,
0.2881


 81.9113, 0.3764,
0.2994

 20.6242, 0.4131,
0.2822

 106.7022, 0.3711,
0.3019

 12.8496, 0.4299,
0.2744

136.0496, 0.3665,
0.3040

 7.3250, 0.4531,
0.2634

170.3378, 0.3627,
0.3058

 3.6662, 0.4875,
0.2473

209.9513, 0.3593,
0.3074

 1.4886, 0.5428,
0.2212

255.2744, 0.3564,

 0.2807, 0.7282,

0.3087

0.1356

306.6915, 0.3538,
0.3099

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.4612, 0.3907,
0.2927

44.4612, 0.3907,
0.2927

36.9287, 0.4193,
0.2854

53.8319, 0.3665,
0.3011

31.1055, 0.4519,
0.2801

65.1451, 0.3465,
0.3097

26.8565, 0.4875,
0.2781

78.5051, 0.3301,
0.3182

24.0230, 0.5236,
0.2805

94.0069, 0.3168,
0.3263

■ 22.4121, 0.5568,
0.2879

99.9994, 0.3127,
0.3290

■ 21.8437, 0.5757,
0.2945

Harmonies

Analogous

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



44.4612, 0.3259, 0.2547



44.4612, 0.3907, 0.2927



44.4612, 0.4341, 0.3400

Triad

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



44.4612, 0.3907, 0.2927



44.4612, 0.3529, 0.4481



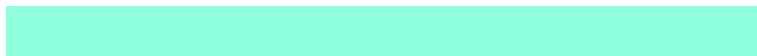
44.4612, 0.1992, 0.2517

Complementary

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



44.4612, 0.3907, 0.2927



82.6169, 0.2695, 0.3700

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.



44.4612, 0.2046, 0.2986



44.4612, 0.3907, 0.2927



44.4612, 0.2899, 0.4243

Square

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



44.4612, 0.3907, 0.2927



44.4612, 0.4082, 0.4307



44.4612, 0.2362, 0.3644



44.4612, 0.2194, 0.2302

Rectangle

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



44.4612, 0.3907, 0.2927



44.4612, 0.4422, 0.3731



44.4612, 0.2362, 0.3644



44.4612, 0.1981, 0.2646

Sweetspot

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



44.4634, 0.3907, 0.2927



79.2659, 0.3294, 0.3187



42.3623, 0.2880, 0.2122



16.2909, 0.3327, 0.3168



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.



44.4634, 0.3907, 0.2927



37.9644, 0.4146, 0.2864



49.9529, 0.4185, 0.3507



18.0814, 0.3244, 0.3215



11.4378, 0.5714, 0.2922



1.1324, 0.5395, 0.2745

Inverse Universe

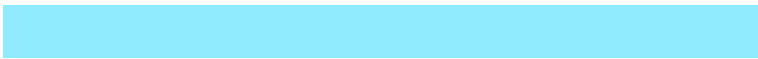
The Inverse Universe completely reimagines the original color for something new.



44.4634, 0.3907, 0.2927



37.9644, 0.4146, 0.2864



72.3662, 0.2496, 0.3054



18.0814, 0.3244, 0.3215



11.4378, 0.5714, 0.2922



1.1324, 0.5395, 0.2745

Previews

White Background



This preview shows how the Yxy color 44.4612, 0.3907, 0.2927 looks on a white background.

Color Contrast Check

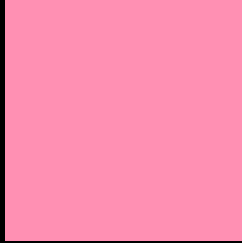
Large Text (above 18pt) WCAG AA × Fail

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 44.4612, 0.3907, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

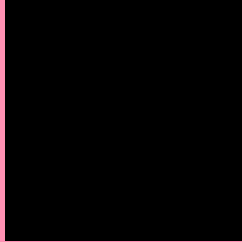
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4612, 0.3907, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 44.4612, 0.3907, 0.2927.



This preview shows how white text looks on a background with the Yxy color 44.4612, 0.3907, 0.2927.

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

44.4612, 0.3907, 0.2927

Protanopia

44.7979, 0.2947, 0.3005

Deuteranopia

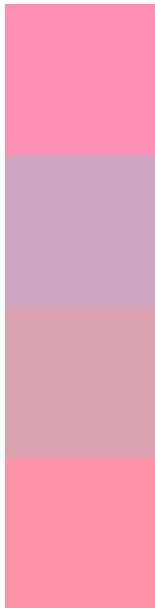
44.4314, 0.3338, 0.3265



Tritanopia

44.5657, 0.4088, 0.3176

Trichromacy



Original Color

44.4612, 0.3907, 0.2927

Protanomaly

43.6952, 0.3262, 0.2960

Deuteranomaly

43.8807, 0.3536, 0.3124

Tritanomaly

44.6914, 0.4026, 0.3092

Monochromacy



Original Color

44.4612, 0.3907, 0.2927

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.7104, 0.3393, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4612, 0.3907, 0.2927 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, 144, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 179) }
```

Border

The CSS property to change the border of an element to Yxy 44.4612, 0.3907, 0.2927 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, 144, 179) }
```

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

```
.border{ border-color:rgb(255, 144, 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, 144, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4612, 0.3907, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 179) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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