

Converting Colors

Yxy(46.8340, 0.4126, 0.3123)

Have a look what the booklet for
Yxy(46.8340, 0.4126, 0.3123)
contains.

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Color

Yxy(45.1564, 0.4043, 0.3114)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF94A5 |
| RGB | 255, 148, 165 |
| RGB Percent | 100%, 58%, 65% |
| CMY | 0.0000, 0.4196, 0.3529 |
| CMYK | 0.00, 0.42, 0.35, 0.00 |
| HSL | 350°, 100%, 79% |
| HSV | 350°, 42%, 100% |
| XYZ | 58.6279, 45.1564, 41.2266 |
| YIQ | 181.9310, 58.3150, 27.9710 |

Conversions

Conversions Part 2

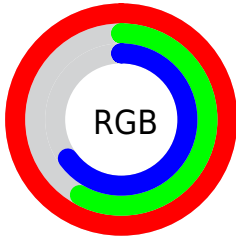
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 148, 165 |
| Decimal | 16749733 |
| CIE Lab | 72.99, 42.03, 8.75 |
| CIE LCh | 73, 42.926, 11.762 |
| Yxy | 45.1564, 0.4043, 0.3114 |
| Android (android.graphics.Color) | 4294939813 (0xFFFF94A5) |
| YUV | 181.9310, -8.3470, 64.0815 |
| Hunter-Lab | 67.1985, 38.1365, 10.6643 |

Details

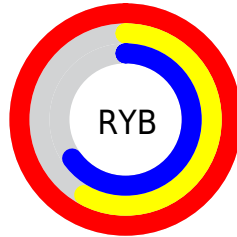
The Yxy color **45.1564, 0.4043, 0.3114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9874, 0.2629, 0.3483**, and the grayscale version is **46.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6130, 0.3404, 0.3128**, and **21.1124, 0.4320, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **37.3007, 0.4396, 0.3079**, and if you desaturate by 10%, it is **54.9010, 0.3747, 0.3156**.

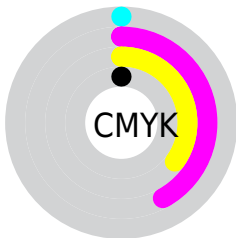
Distribution



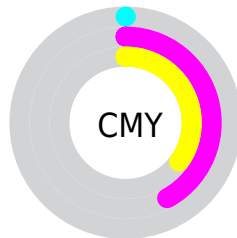
- Red (100%)
- Green (58%)
- Blue (65%)



- Red (100%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1564, 0.4043, 0.3114 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 45.1564, 0.4043, 0.3114 by changing the saturation by 10% instead.

 45.1564, 0.4043,
0.3114

 45.1564, 0.4043,
0.3114


367.4066, 0.3580,
0.3212

 31.5806, 0.4160,
0.3087


 82.9551, 0.3874,
0.3152

 21.0414, 0.4310,
0.3050


 107.9467, 0.3810,
0.3165

 13.1543, 0.4509,
0.2998


137.5125, 0.3757,
0.3177

 7.5349, 0.4787,
0.2922

172.0368, 0.3711,
0.3186

 3.7988, 0.5196,
0.2799

211.9039, 0.3672,
0.3194

 1.5617, 0.5846,
0.2578

257.4983, 0.3637,

 0.3315, 0.8135,

0.3201

0.1865

309.2044, 0.3607,
0.3207

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.1564, 0.4043,
0.3114

45.1564, 0.4043,
0.3114

37.3007, 0.4396,
0.3079

54.9010, 0.3747,
0.3156

31.2161, 0.4801,
0.3056

66.6526, 0.3506,
0.3200

26.7626, 0.5235,
0.3055

80.5130, 0.3311,
0.3242

23.7813, 0.5656,
0.3083

96.5785, 0.3154,
0.3282

■ 22.0811, 0.6007,
0.3139

100.0000, 0.3127,
0.3290

■ 21.4170, 0.6210,
0.3194

Harmonies

Analogous

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



45.1564, 0.3490, 0.2712



45.1564, 0.4043, 0.3114



45.1564, 0.4325, 0.3577

Triad

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



45.1564, 0.4043, 0.3114



45.1564, 0.3286, 0.4361



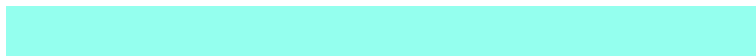
45.1564, 0.2103, 0.2462

Complementary

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



45.1564, 0.4043, 0.3114



83.9874, 0.2629, 0.3483

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.



45.1564, 0.2062, 0.2817



45.1564, 0.4043, 0.3114



45.1564, 0.2708, 0.3991

Square

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



45.1564, 0.4043, 0.3114



45.1564, 0.3850, 0.4341



45.1564, 0.2269, 0.3382



45.1564, 0.2383, 0.2343

Rectangle

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



45.1564, 0.4043, 0.3114



45.1564, 0.4308, 0.3883



45.1564, 0.2269, 0.3382



45.1564, 0.2062, 0.2554

Sweetspot

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



45.1545, 0.4043, 0.3114



78.9756, 0.3329, 0.3238



46.4306, 0.3026, 0.2208



16.2201, 0.3370, 0.3229



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.



45.1545, 0.4043, 0.3114



38.6992, 0.4322, 0.3085



57.5386, 0.4056, 0.3666



18.0342, 0.3269, 0.3252



11.2047, 0.6179, 0.3177



1.1038, 0.5903, 0.3026

Inverse Universe

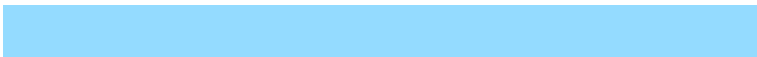
The Inverse Universe completely reimagines the original color for something new.



45.1545, 0.4043, 0.3114



38.6992, 0.4322, 0.3085



64.3511, 0.2484, 0.2871



18.0342, 0.3269, 0.3252



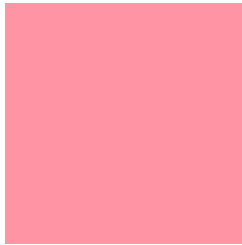
11.2047, 0.6179, 0.3177



1.1038, 0.5903, 0.3026

Previews

White Background



This preview shows how the Yxy color 45.1564, 0.4043, 0.3114 looks on a white background.

Color Contrast Check

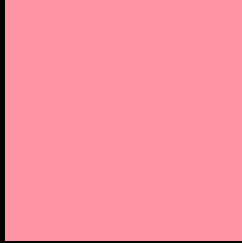
Large Text (above 18pt) WCAG AA × Fail

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 45.1564, 0.4043, 0.3114 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 45.1564, 0.4043, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 45.1564, 0.4043, 0.3114.



This preview shows how white text looks on a background with the Yxy color 45.1564, 0.4043, 0.3114.

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

45.1564, 0.4043, 0.3114

Protanopia

45.5627, 0.3129, 0.3251

Deuteranopia

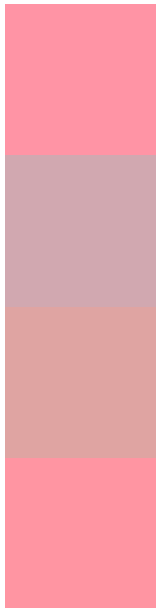
45.2977, 0.3517, 0.3442



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.1564, 0.4043, 0.3114

Protanomaly

44.6952, 0.3438, 0.3193

Deuteranomaly

44.8475, 0.3713, 0.3315

Tritanomaly

45.3635, 0.4071, 0.3156

Monochromacy



Original Color

45.1564, 0.4043, 0.3114

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.4393, 0.3434, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1564, 0.4043, 0.3114 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, 148, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 165)  
}
```

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, 148, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.1564, 0.4043, 0.3114 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, 148, 165) }
```

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

```
.border{ border-color:rgb(255, 148, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 148, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1564, 0.4043, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 165) }
```

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

```
.background{ background-color: rgb(255,  
148, 165) }
```

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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