

Converting Colors

$Y_{xy}(44.9705, 0.4089, 0.3159)$

Have a look what the booklet for
Yxy(44.9705, 0.4089, 0.3159)
contains.

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Color

Yxy(45.0130, 0.4085, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FF94A1
RGB	255, 148, 161
RGB Percent	100%, 58%, 63%
CMY	0.0000, 0.4196, 0.3685
CMYK	0.00, 0.42, 0.37, 0.00
HSL	353°, 100%, 79%
HSV	353°, 42%, 100%
XYZ	58.2630, 45.0130, 39.3507
YIQ	181.4750, 59.5990, 26.7270

Conversions

Conversions Part 2

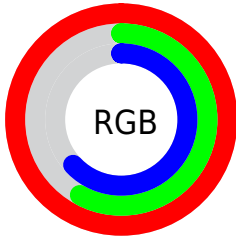
Format	Color
R _Y B	255, 148, 161
Decimal	16749729
CIE Lab	72.90, 41.55, 10.82
CIE LCh	73, 42.932, 14.592
Yxy	45.0130, 0.4085, 0.3156
Android (android.graphics.Color)	4294939809 (0xFFFF94A1)
YUV	181.4750, -10.0942, 64.4814
Hunter-Lab	67.0917, 37.6004, 12.1894

Details

The Yxy color **45.0130, 0.4085, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2204, 0.2611, 0.3437**, and the grayscale version is **46.5131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4036, 0.3435, 0.3169**, and **20.9123, 0.4353, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **37.1564, 0.4455, 0.3130**, and if you desaturate by 10%, it is **54.7773, 0.3775, 0.3188**.

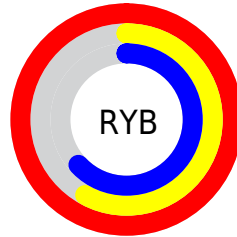
Distribution



Red (100%)

Green (58%)

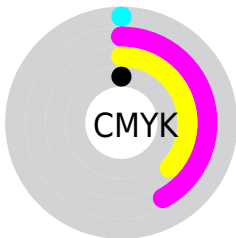
Blue (63%)



Red (100%)

Yellow (58%)

Blue (63%)

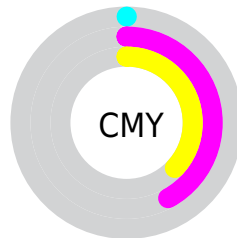


Cyan (0%)

Magenta (42%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0130, 0.4085, 0.3156 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 45.0130, 0.4085, 0.3156 by changing the saturation by 10% instead.


 45.0130, 0.4085,
0.3156

 45.0130, 0.4085,
0.3156


366.8262, 0.3599,
0.3235

 31.4677, 0.4207,
0.3133


 82.7399, 0.3908,
0.3188

 20.9552, 0.4365,
0.3100

 107.6903, 0.3841,
0.3199

 13.0913, 0.4574,
0.3054


137.2111, 0.3785,
0.3208

 7.4914, 0.4865,
0.2983

171.6868, 0.3737,
0.3215

 3.7713, 0.5292,
0.2866

211.5018, 0.3696,
0.3221

 1.5465, 0.5978,
0.2652

257.0404, 0.3660,

 0.3211, 0.8151,

0.3227

0.1849

308.6871, 0.3628,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0130, 0.4085,
0.3156

45.0130, 0.4085,
0.3156

37.1564, 0.4455,
0.3130

54.7773, 0.3775,
0.3188

31.0763, 0.4878,
0.3114

66.5560, 0.3522,
0.3221

26.6356, 0.5328,
0.3116

80.4556, 0.3319,
0.3254

23.6742, 0.5754,
0.3141

96.5734, 0.3155,
0.3284

■ 21.9993, 0.6095,
0.3189

99.9985, 0.3127,
0.3290

■ 21.3577, 0.6278,
0.3232

Harmonies

Analogous

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



45.0130, 0.3549, 0.2745



45.0130, 0.4085, 0.3156



45.0130, 0.4334, 0.3622

Triad

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



45.0130, 0.4085, 0.3156



45.0130, 0.3229, 0.4344



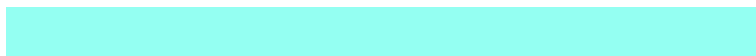
45.0130, 0.2118, 0.2440

Complementary

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



45.0130, 0.4085, 0.3156



84.2204, 0.2611, 0.3437

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.



45.0130, 0.2054, 0.2773



45.0130, 0.4085, 0.3156



45.0130, 0.2658, 0.3940

Square

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



45.0130, 0.4085, 0.3156



45.0130, 0.3802, 0.4359



45.0130, 0.2238, 0.3323



45.0130, 0.2420, 0.2342

Rectangle

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



45.0130, 0.4085, 0.3156



45.0130, 0.4294, 0.3925



45.0130, 0.2238, 0.3323



45.0130, 0.2069, 0.2524

Sweetspot

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



45.0152, 0.4085, 0.3156



78.9076, 0.3338, 0.3250



47.0547, 0.3056, 0.2218



16.2035, 0.3380, 0.3243



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.



45.0152, 0.4085, 0.3156



38.5521, 0.4378, 0.3134



59.0376, 0.4039, 0.3702



18.0230, 0.3275, 0.3261



11.1718, 0.6253, 0.3218



1.0986, 0.6011, 0.3085

Inverse Universe

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



45.0152, 0.4085, 0.3156



38.5521, 0.4378, 0.3134



62.5074, 0.2477, 0.2828



18.0230, 0.3275, 0.3261



11.1718, 0.6253, 0.3218



1.0986, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 45.0130, 0.4085, 0.3156 looks on a white background.

Color Contrast Check

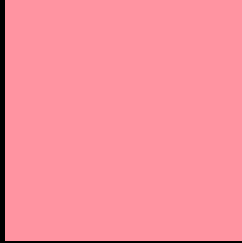
Large Text (above 18pt) WCAG AA × Fail

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 45.0130, 0.4085, 0.3156 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 45.0130, 0.4085, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 45.0130, 0.4085, 0.3156.



This preview shows how white text looks on a background with the Yxy color 45.0130, 0.4085, 0.3156.

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

45.0130, 0.4085, 0.3156

Protanopia

45.5218, 0.3170, 0.3303

Deuteranopia

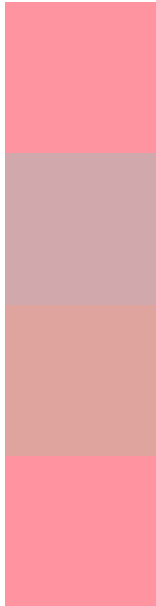
45.3006, 0.3562, 0.3492



Tritanopia

44.9430, 0.4107, 0.3177

Trichromacy



Original Color

45.0130, 0.4085, 0.3156

Protanomaly

44.5391, 0.3475, 0.3242

Deuteranomaly

44.7075, 0.3752, 0.3363

Tritanomaly

44.9779, 0.4096, 0.3167

Monochromacy



Original Color

45.0130, 0.4085, 0.3156

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.8418, 0.3445, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0130, 0.4085, 0.3156 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 161) }
```

Border

The CSS property to change the border of an element to Yxy 45.0130, 0.4085, 0.3156 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, 161) }
```

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

```
.border{ border-color:rgb(255, 148, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0130, 0.4085, 0.3156 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
148, 161) }
```

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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