

Converting Colors

$Yxy(63.0177, 0.4649, 0.3133)$

Have a look what the booklet for
Yxy(63.0177, 0.4649, 0.3133)
contains.

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Color

Yxy(45.3044, 0.4000, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FF94A9
RGB	255, 148, 169
RGB Percent	100%, 58%, 66%
CMY	0.0000, 0.4196, 0.3372
CMYK	0.00, 0.42, 0.34, 0.00
HSL	348°, 100%, 79%
HSV	348°, 42%, 100%
XYZ	58.9901, 45.3044, 43.1808
YIQ	182.3870, 57.0310, 29.2150

Conversions

Conversions Part 2

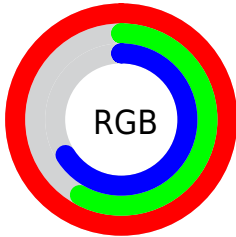
Format	Color
R _Y B	255, 148, 169
Decimal	16749737
CIE _{Lab}	73.09, 42.48, 6.67
CIE _{LCh}	73, 43.001, 8.919
Y _{xy}	45.3044, 0.4000, 0.3072
Android (android.graphics.Color)	4294939817 (0xFFFF94A9)
Y _{UV}	182.3870, -6.5998, 63.6816
Hunter-Lab	67.3085, 38.6498, 9.0794

Details

The Yxy color **45.3044, 0.4000, 0.3072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7502, 0.2648, 0.3530**, and the grayscale version is **47.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8275, 0.3374, 0.3088**, and **21.2045, 0.4258, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **37.4581, 0.4335, 0.3027**, and if you desaturate by 10%, it is **55.0375, 0.3719, 0.3124**.

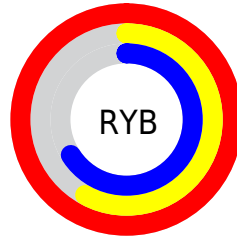
Distribution



Red (100%)

Green (58%)

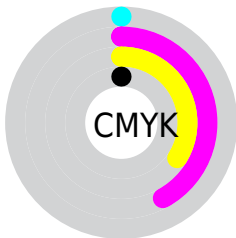
Blue (66%)



Red (100%)

Yellow (58%)

Blue (66%)

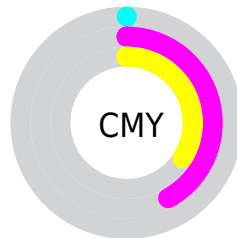


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3044, 0.4000, 0.3072 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 45.3044, 0.4000, 0.3072 by changing the saturation by 10% instead.


 45.3044, 0.4000,
0.3072


 45.3044, 0.4000,
0.3072


368.0050, 0.3559,
0.3189

 31.6973, 0.4111,
0.3041


 83.1770, 0.3839,
0.3116

 21.1304, 0.4253,
0.2999


 108.2113, 0.3779,
0.3132

 13.2193, 0.4442,
0.2942


137.8233, 0.3728,
0.3146

 7.5798, 0.4706,
0.2860

172.3977, 0.3685,
0.3157

 3.8272, 0.5094,
0.2730

212.3186, 0.3647,
0.3167

 1.5774, 0.5715,
0.2506

257.9705, 0.3614,

 0.3423, 0.8119,

0.3175

0.1881

309.7379, 0.3585,
0.3182

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.3044, 0.4000,
0.3072

45.3044, 0.4000,
0.3072

37.4581, 0.4335,
0.3027

55.0375, 0.3719,
0.3124

31.3694, 0.4721,
0.2997

66.7623, 0.3489,
0.3178

26.9033, 0.5138,
0.2992

80.5838, 0.3303,
0.3231

23.9023, 0.5550,
0.3019

96.5977, 0.3153,
0.3281

■ 22.1769, 0.5906,
0.3082

99.9982, 0.3127,
0.3290

■ 21.4891, 0.6124,
0.3148

Harmonies

Analogous

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



45.3044, 0.3431, 0.2679



45.3044, 0.4000, 0.3072



45.3044, 0.4314, 0.3533

Triad

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



45.3044, 0.4000, 0.3072



45.3044, 0.3342, 0.4377



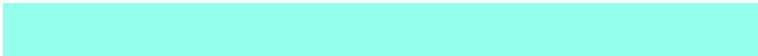
45.3044, 0.2088, 0.2485

Complementary

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



45.3044, 0.4000, 0.3072



83.7502, 0.2648, 0.3530

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.



45.3044, 0.2070, 0.2863



45.3044, 0.4000, 0.3072



45.3044, 0.2758, 0.4041

Square

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



45.3044, 0.4000, 0.3072



45.3044, 0.3897, 0.4321



45.3044, 0.2301, 0.3442



45.3044, 0.2346, 0.2344

Rectangle

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



45.3044, 0.4000, 0.3072



45.3044, 0.4321, 0.3841



45.3044, 0.2301, 0.3442



45.3044, 0.2054, 0.2584

Sweetspot

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



45.3066, 0.4000, 0.3072



79.0444, 0.3321, 0.3226



45.8264, 0.2996, 0.2199



16.2368, 0.3359, 0.3214



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.



45.3066, 0.4000, 0.3072



38.8529, 0.4265, 0.3035



56.0814, 0.4072, 0.3629



18.0454, 0.3263, 0.3244



11.2459, 0.6089, 0.3128



1.1095, 0.5793, 0.2965

Inverse Universe

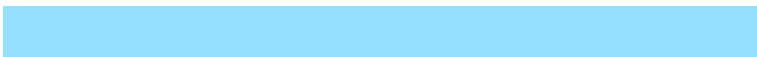
The Inverse Universe completely reimagines the original color for something new.



45.3066, 0.4000, 0.3072



38.8529, 0.4265, 0.3035



66.2363, 0.2492, 0.2915



18.0454, 0.3263, 0.3244



11.2459, 0.6089, 0.3128



1.1095, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 45.3044, 0.4000, 0.3072 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 45.3044, 0.4000, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

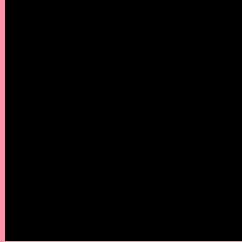
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3044, 0.4000, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 45.3044, 0.4000, 0.3072.



This preview shows how white text looks on a background with the Yxy color 45.3044, 0.4000, 0.3072.

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

45.3044, 0.4000, 0.3072

Protanopia

45.6091, 0.3089, 0.3199

Deuteranopia

45.6852, 0.3469, 0.3404



Tritanopia

45.1038, 0.4083, 0.3177

Trichromacy



Original Color

45.3044, 0.4000, 0.3072



Protanomaly

44.7104, 0.3393, 0.3144



Deuteranomaly

45.1930, 0.3662, 0.3280



Tritanomaly

45.2101, 0.4051, 0.3145

Monochromacy



Original Color

45.3044, 0.4000, 0.3072



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.4791, 0.3425, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3044, 0.4000, 0.3072 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.3044, 0.4000, 0.3072 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, 169) }
```

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

```
.border{ border-color:rgb(255, 148, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3044, 0.4000, 0.3072 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
148, 169) }
```

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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