

Converting Colors

$Y_{xy}(45.1004, 0.3999, 0.3093)$

Have a look what the booklet for
Yxy(45.1004, 0.3999, 0.3093)
contains.

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Color

Yxy(45.1676, 0.3999, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	FD95A7
RGB	253, 149, 167
RGB Percent	99%, 58%, 65%
CMY	0.0079, 0.4156, 0.3451
CMYK	0.00, 0.41, 0.34, 0.01
HSL	350°, 96%, 79%
HSV	350°, 41%, 99%
XYZ	58.2286, 45.1676, 42.2118
YIQ	182.1480, 56.2060, 27.6460

Conversions

Conversions Part 2

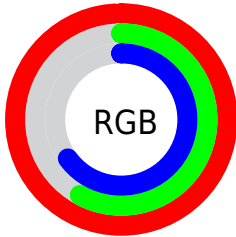
Format	Color
R _Y B	253, 149, 167
Decimal	16618919
CIE Lab	73.00, 41.03, 7.62
CIE LCh	73, 41.727, 10.521
Yxy	45.1676, 0.3999, 0.3102
Android (android.graphics.Color)	4294808999 (0xFFFD95A7)
YUV	182.1480, -7.4680, 62.1372
Hunter-Lab	67.2068, 37.0421, 9.8055

Details

The Yxy color **45.1676, 0.3999, 0.3102** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6335, 0.2644, 0.3496**, and the grayscale version is **46.8844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1966, 0.3388, 0.3119**, and **21.0729, 0.4259, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **37.3023, 0.4340, 0.3062**, and if you desaturate by 10%, it is **54.9010, 0.3714, 0.3148**.

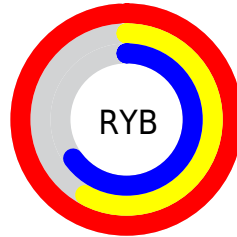
Distribution



Red (99%)

Green (58%)

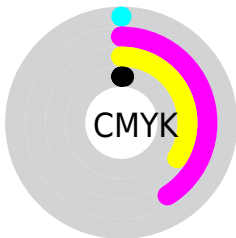
Blue (65%)



Red (99%)

Yellow (58%)

Blue (65%)

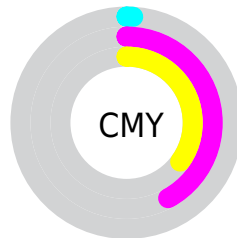


Cyan (0%)

Magenta (41%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1676, 0.3999, 0.3102 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 45.1676, 0.3999, 0.3102 by changing the saturation by 10% instead.


 45.1676, 0.3999,
0.3102


 45.1676, 0.3999,
0.3102


367.4519, 0.3558,
0.3205

 31.5895, 0.4110,
0.3074


 82.9719, 0.3838,
0.3141

 21.0481, 0.4253,
0.3037


 107.9668, 0.3778,
0.3155

 13.1592, 0.4443,
0.2984


137.5360, 0.3727,
0.3167

 7.5382, 0.4708,
0.2908

172.0641, 0.3683,
0.3177

 3.8009, 0.5099,
0.2786

211.9353, 0.3646,
0.3185

 1.5628, 0.5725,
0.2571

257.5341, 0.3613,

 0.3324, 0.8095,

0.3193

309.2448, 0.3584,
0.3199

0.1905

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.1676, 0.3999,
0.3102

45.1676, 0.3999,
0.3102

37.3023, 0.4340,
0.3062

54.9010, 0.3714,
0.3148

31.1788, 0.4734,
0.3035

66.6049, 0.3481,
0.3196

26.6656, 0.5160,
0.3031

80.3823, 0.3293,
0.3242

23.6094, 0.5581,
0.3055

96.3270, 0.3142,
0.3285

■ 21.8270, 0.5943,
0.3112

99.6210, 0.3115,
0.3290

■ 21.0612, 0.6179,
0.3177

Harmonies

Analogous

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



45.1676, 0.3455, 0.2713



45.1676, 0.3999, 0.3102



45.1676, 0.4287, 0.3554

Triad

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



45.1676, 0.3999, 0.3102



45.1676, 0.3308, 0.4336



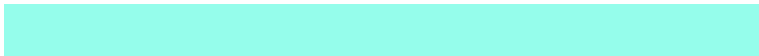
45.1676, 0.2122, 0.2494

Complementary

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



45.1676, 0.3999, 0.3102



82.6335, 0.2644, 0.3496

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.



45.1676, 0.2092, 0.2851



45.1676, 0.3999, 0.3102



45.1676, 0.2742, 0.3991

Square

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



45.1676, 0.3999, 0.3102



45.1676, 0.3852, 0.4304



45.1676, 0.2306, 0.3406



45.1676, 0.2387, 0.2367

Rectangle

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



45.1676, 0.3999, 0.3102



45.1676, 0.4282, 0.3853



45.1676, 0.2306, 0.3406



45.1676, 0.2085, 0.2587

Sweetspot

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



45.1698, 0.3999, 0.3102



80.4827, 0.3309, 0.3238



46.0701, 0.3014, 0.2226



16.8134, 0.3331, 0.3232



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.



45.1698, 0.3999, 0.3102



39.4950, 0.4265, 0.3070



56.4820, 0.4037, 0.3640



18.0384, 0.3267, 0.3249



11.2192, 0.6147, 0.3160



1.1059, 0.5863, 0.3004

Inverse Universe

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



45.1698, 0.3999, 0.3102



39.4950, 0.4265, 0.3070



64.7021, 0.2500, 0.2903



18.0384, 0.3267, 0.3249



11.2192, 0.6147, 0.3160



1.1059, 0.5863, 0.3004

Previews

White Background



This preview shows how the Yxy color 45.1676, 0.3999, 0.3102 looks on a white background.

Color Contrast Check

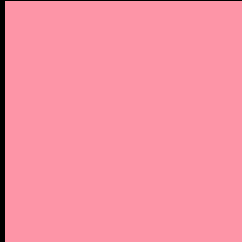
Large Text (above 18pt) WCAG AA × Fail

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 45.1676, 0.3999, 0.3102 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 45.1676, 0.3999, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 45.1676, 0.3999, 0.3102.



This preview shows how white text looks on a background with the Yxy color 45.1676, 0.3999, 0.3102.

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

45.1676, 0.3999, 0.3102

Protanopia

45.6460, 0.3113, 0.3225

Deuteranopia

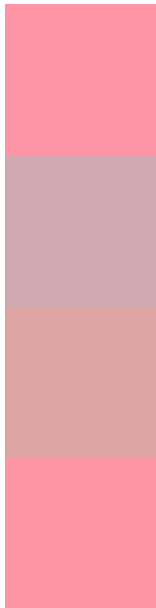
45.2280, 0.3489, 0.3417



Tritanopia

45.0813, 0.4049, 0.3176

Trichromacy



Original Color

45.1676, 0.3999, 0.3102

Protanomaly

44.6295, 0.3411, 0.3168

Deuteranomaly

44.6034, 0.3675, 0.3292

Tritanomaly

45.1525, 0.4028, 0.3154

Monochromacy



Original Color

45.1676, 0.3999, 0.3102

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3337, 0.3416, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1676, 0.3999, 0.3102 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(253, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(253, 149, 167)  
}
```

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(253, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 149, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.1676, 0.3999, 0.3102 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(253, 149, 167) }
```

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

```
.border{ border-color:rgb(253, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 149,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1676, 0.3999, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 149, 167) }
```

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

```
.background{ background-color: rgb(253,  
149, 167) }
```

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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