

Converting Colors

$Y_{xy}(44.6796, 0.4036, 0.3084)$

Have a look what the booklet for
Yxy(44.6796, 0.4036, 0.3084)
contains.

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Color

Yxy(44.5709, 0.4040, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	FF92A6
RGB	255, 146, 166
RGB Percent	100%, 57%, 65%
CMY	0.0000, 0.4275, 0.3491
CMYK	0.00, 0.43, 0.35, 0.00
HSL	349°, 100%, 79%
HSV	349°, 43%, 100%
XYZ	58.4062, 44.5709, 41.5928
YIQ	180.8710, 58.5440, 29.3280

Conversions

Conversions Part 2

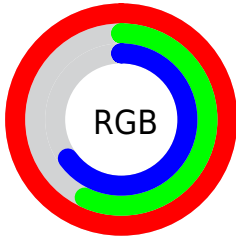
Format	Color
R _Y B	255, 146, 166
Decimal	16749222
CIE Lab	72.61, 43.15, 7.66
CIE LCh	73, 43.827, 10.062
Yxy	44.5709, 0.4040, 0.3083
Android (android.graphics.Color)	4294939302 (0xFFFF92A6)
YUV	180.8710, -7.3314, 65.0111
Hunter-Lab	66.7614, 39.3282, 9.7950

Details

The Yxy color **44.5709, 0.4040, 0.3083** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.6295, 0.2634, 0.3518**, and the grayscale version is **46.1485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7215, 0.3400, 0.3098**, and **20.7794, 0.4315, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **36.8618, 0.4386, 0.3042**, and if you desaturate by 10%, it is **54.1532, 0.3750, 0.3131**.

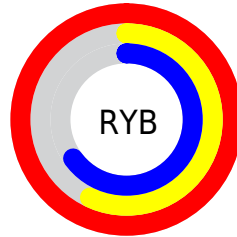
Distribution



Red (100%)

Green (57%)

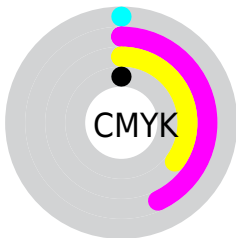
Blue (65%)



Red (100%)

Yellow (57%)

Blue (65%)

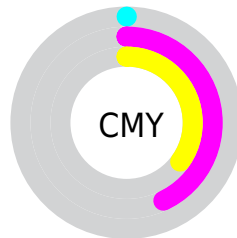


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5709, 0.4040, 0.3083 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 44.5709, 0.4040, 0.3083 by changing the saturation by 10% instead.


 44.5709, 0.4040,
0.3083


 44.5709, 0.4040,
0.3083

365.0329, 0.3578,
0.3196

 31.1196, 0.4157,
0.3052


 82.0761, 0.3871,
0.3126

 20.6899, 0.4307,
0.3011


 106.8988, 0.3808,
0.3142

 12.8975, 0.4507,
0.2954

136.2807, 0.3754,
0.3155

 7.3580, 0.4785,
0.2870

170.6063, 0.3709,
0.3165

 3.6870, 0.5196,
0.2738

210.2599, 0.3669,
0.3175

 1.5001, 0.5853,
0.2503

255.6260, 0.3635,

 0.2888, 0.8317,

0.3183

0.1683

307.0888, 0.3604,
0.3190

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5709, 0.4040,
0.3083

44.5709, 0.4040,
0.3083

36.8618, 0.4386,
0.3042

54.1532, 0.3750,
0.3131

30.9074, 0.4781,
0.3016

65.7267, 0.3512,
0.3182

26.5671, 0.5206,
0.3015

79.3933, 0.3319,
0.3231

23.6808, 0.5619,
0.3045

95.2494, 0.3164,
0.3278

■ 22.0552, 0.5966,
0.3109

100.0000, 0.3127,
0.3290

■ 21.4633, 0.6156,
0.3165

Harmonies

Analogous

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



44.5709, 0.3462, 0.2679



44.5709, 0.4040, 0.3083



44.5709, 0.4348, 0.3554

Triad

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



44.5709, 0.4040, 0.3083



44.5709, 0.3322, 0.4400



44.5709, 0.2071, 0.2456

Complementary

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



44.5709, 0.4040, 0.3083



83.6295, 0.2634, 0.3518

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.



44.5709, 0.2043, 0.2832



44.5709, 0.4040, 0.3083



44.5709, 0.2727, 0.4041

Square

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



44.5709, 0.4040, 0.3083



44.5709, 0.3894, 0.4354



44.5709, 0.2268, 0.3420



44.5709, 0.2343, 0.2323

Rectangle

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



44.5709, 0.4040, 0.3083



44.5709, 0.4345, 0.3868



44.5709, 0.2268, 0.3420



44.5709, 0.2034, 0.2554

Sweetspot

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



44.5691, 0.4040, 0.3083



79.0204, 0.3324, 0.3230



45.1337, 0.2992, 0.2178



16.2310, 0.3363, 0.3219



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.



44.5691, 0.4040, 0.3083



38.0780, 0.4321, 0.3048



55.4542, 0.4096, 0.3635



18.0415, 0.3265, 0.3247



11.2306, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Inverse Universe

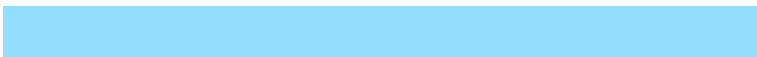
The Inverse Universe completely reimagines the original color for something new.



44.5691, 0.4040, 0.3083



38.0780, 0.4321, 0.3048



65.7321, 0.2481, 0.2906



18.0415, 0.3265, 0.3247



11.2306, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 44.5709, 0.4040, 0.3083 looks on a white background.

Color Contrast Check

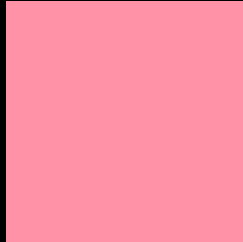
Large Text (above 18pt) WCAG AA × Fail

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 44.5709, 0.4040, 0.3083 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 44.5709, 0.4040, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 44.5709, 0.4040, 0.3083.



This preview shows how white text looks on a background with the Yxy color 44.5709, 0.4040, 0.3083.

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

44.5709, 0.4040, 0.3083

Protanopia

45.0048, 0.3096, 0.3211

Deuteranopia

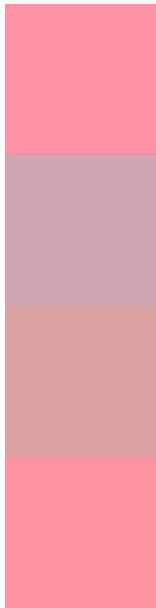
44.6348, 0.3500, 0.3431



Tritanopia

44.4069, 0.4112, 0.3177

Trichromacy



Original Color

44.5709, 0.4040, 0.3083

Protanomaly

43.7122, 0.3414, 0.3155

Deuteranomaly

44.2109, 0.3687, 0.3292

Tritanomaly

44.5115, 0.4080, 0.3145

Monochromacy



Original Color

44.5709, 0.4040, 0.3083

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.5497, 0.3429, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5709, 0.4040, 0.3083 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, 146, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 166)  
}
```

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, 146, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.5709, 0.4040, 0.3083 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, 146, 166) }
```

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

```
.border{ border-color:rgb(255, 146, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5709, 0.4040, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 166) }
```

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

```
.background{ background-color: rgb(255,  
146, 166) }
```

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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