

Converting Colors

$Y_{xy}(48.3121, 0.4073, 0.2939)$

Have a look what the booklet for
Yxy(48.3121, 0.4073, 0.2939)
contains.

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Color

Yxy(44.5018, 0.3896, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	FF90B4
RGB	255, 144, 180
RGB Percent	100%, 56%, 71%
CMY	0.0000, 0.4353, 0.2940
CMYK	0.00, 0.44, 0.29, 0.00
HSL	341°, 100%, 78%
HSV	341°, 44%, 100%
XYZ	59.4578, 44.5018, 48.6529
YIQ	181.2930, 54.6000, 34.7280

Conversions

Conversions Part 2

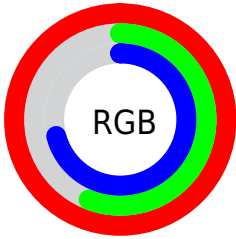
Format	Color
R _Y B	255, 144, 180
Decimal	16748724
CIE Lab	72.56, 45.89, -0.21
CIE LCh	73, 45.887, 359.741
Yxy	44.5018, 0.3896, 0.2916
Android (android.graphics.Color)	4294938804 (0xFFFF90B4)
YUV	181.2930, -0.6374, 64.6410
Hunter-Lab	66.7097, 42.3538, 3.4552

Details

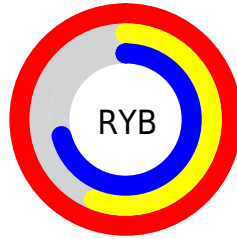
The Yxy color **44.5018, 0.3896, 0.2916** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.5612, 0.2700, 0.3713**, and the grayscale version is **46.3557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6247, 0.3289, 0.2930**, and **20.7502, 0.4123, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **36.9711, 0.4177, 0.2840**, and if you desaturate by 10%, it is **53.8630, 0.3658, 0.3002**.

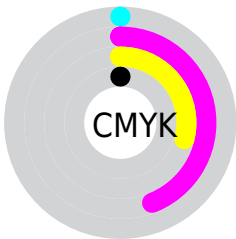
Distribution



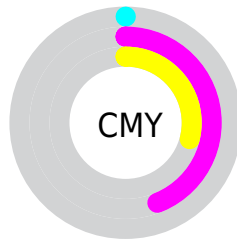
- Red (100%)
- Green (56%)
- Blue (71%)



- Red (100%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5018, 0.3896, 0.2916 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 44.5018, 0.3896, 0.2916 by changing the saturation by 10% instead.


 44.5018, 0.3896,
0.2916

 44.5018, 0.3896,
0.2916

364.7521, 0.3510,
0.3104

 31.0652, 0.3993,
0.2869

 81.9723, 0.3755,
0.2984

 20.6485, 0.4116,
0.2809


 106.7750, 0.3703,
0.3010

 12.8673, 0.4281,
0.2729


136.1352, 0.3658,
0.3032

 7.3372, 0.4510,
0.2618

170.4372, 0.3620,
0.3050

 3.6739, 0.4848,
0.2455

210.0655, 0.3587,
0.3066

 1.4929, 0.5390,
0.2192

255.4045, 0.3558,

 0.2837, 0.7142,

0.3080

0.1335

306.8386, 0.3532,
0.3093

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5018, 0.3896,
0.2916

44.5018, 0.3896,
0.2916

36.9711, 0.4177,
0.2840

53.8630, 0.3658,
0.3002

31.1502, 0.4498,
0.2785

65.1669, 0.3461,
0.3092

26.9015, 0.4848,
0.2763

78.5151, 0.3299,
0.3179

24.0664, 0.5204,
0.2786

94.0023, 0.3168,
0.3262

■ 22.4522, 0.5534,
0.2860

100.0000, 0.3127,
0.3290

■ 21.8812, 0.5722,
0.2926

Harmonies

Analogous

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



44.5018, 0.3244, 0.2538



44.5018, 0.3896, 0.2916



44.5018, 0.4338, 0.3389

Triad

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



44.5018, 0.3896, 0.2916



44.5018, 0.3544, 0.4484



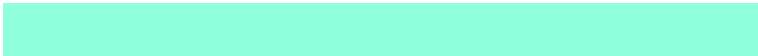
44.5018, 0.1988, 0.2523

Complementary

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



44.5018, 0.3896, 0.2916



82.5612, 0.2700, 0.3713

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.



44.5018, 0.2048, 0.2999



44.5018, 0.3896, 0.2916



44.5018, 0.2912, 0.4256

Square

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



44.5018, 0.3896, 0.2916



44.5018, 0.4095, 0.4302



44.5018, 0.2369, 0.3661



44.5018, 0.2184, 0.2302

Rectangle

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



44.5018, 0.3896, 0.2916



44.5018, 0.4426, 0.3720



44.5018, 0.2369, 0.3661



44.5018, 0.1979, 0.2654

Sweetspot

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



44.5013, 0.3896, 0.2916



79.2840, 0.3292, 0.3184



42.0698, 0.2865, 0.2117



16.2954, 0.3324, 0.3165



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.



44.5013, 0.3896, 0.2916



38.0105, 0.4131, 0.2851



49.2888, 0.4194, 0.3487



18.0843, 0.3243, 0.3213



11.4576, 0.5679, 0.2902



1.1347, 0.5360, 0.2726

Inverse Universe

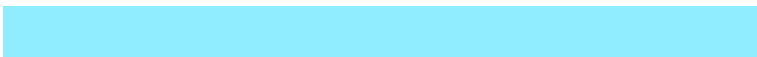
The Inverse Universe completely reimagines the original color for something new.



44.5013, 0.3896, 0.2916



38.0105, 0.4131, 0.2851



73.4274, 0.2500, 0.3075



18.0843, 0.3243, 0.3213



11.4576, 0.5679, 0.2902



1.1347, 0.5360, 0.2726

Previews

White Background



This preview shows how the Yxy color 44.5018, 0.3896, 0.2916 looks on a white background.

Color Contrast Check

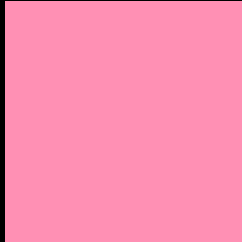
Large Text (above 18pt) WCAG AA × Fail

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 44.5018, 0.3896, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

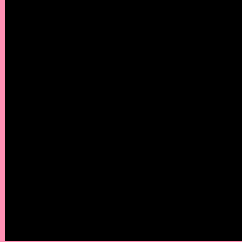
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5018, 0.3896, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 44.5018, 0.3896, 0.2916.

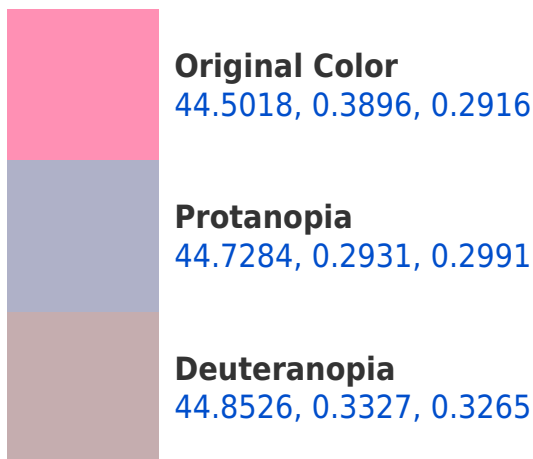


This preview shows how white text looks on a background with the Yxy color 44.5018, 0.3896, 0.2916.

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





Tritanopia

44.5657, 0.4088, 0.3176

Trichromacy



Original Color

44.5018, 0.3896, 0.2916



Protanomaly

43.5979, 0.3244, 0.2947



Deuteranomaly

43.9204, 0.3526, 0.3112



Tritanomaly

44.7283, 0.4016, 0.3082

Monochromacy



Original Color

44.5018, 0.3896, 0.2916



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7514, 0.3384, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5018, 0.3896, 0.2916 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, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 180)  
}
```

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, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.5018, 0.3896, 0.2916 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, 144, 180) }
```

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

```
.border{ border-color:rgb(255, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5018, 0.3896, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 180) }
```

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

```
.background{ background-color: rgb(255,  
144, 180) }
```

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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