

Converting Colors

$Y_{xy}(47.5456, 0.4256, 0.2949)$

Have a look what the booklet for
Yxy(47.5456, 0.4256, 0.2949)
contains.

Yxy(41.8854, 0.3998, 0.2908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.8854, 0.3998, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FF88AD
RGB	255, 136, 173
RGB Percent	100%, 53%, 68%
CMY	0.0000, 0.4666, 0.3217
CMYK	0.00, 0.47, 0.32, 0.00
HSL	341°, 100%, 77%
HSV	341°, 47%, 100%
XYZ	57.5852, 41.8854, 44.5645
YIQ	175.7990, 59.0470, 36.7350

Conversions

Conversions Part 2

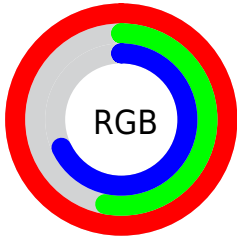
Format	Color
R_{YB}	255, 136, 173
Decimal	16746669
CIE _{Lab}	70.79, 48.98, 1.15
CIE _{LCh}	71, 48.996, 1.343
Yxy	41.8854, 0.3998, 0.2908
Android (android.graphics.Color)	4294936749 (0xFFFF88AD)
YUV	175.7990, -1.3799, 69.4593
Hunter-Lab	64.7189, 45.5665, 4.4771

Details

The Yxy color **41.8854, 0.3998, 0.2908** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.8195, 0.2669, 0.3728**, and the grayscale version is **43.2899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5607, 0.3359, 0.2926**, and **19.0172, 0.4247, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **34.9014, 0.4299, 0.2841**, and if you desaturate by 10%, it is **50.6695, 0.3741, 0.2988**.

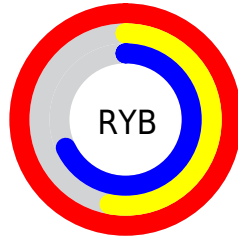
Distribution



Red (100%)

Green (53%)

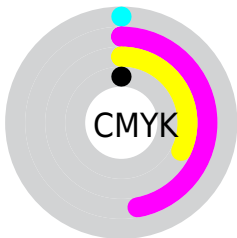
Blue (68%)



Red (100%)

Yellow (53%)

Blue (68%)

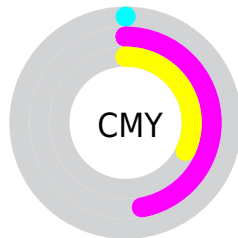


Cyan (0%)

Magenta (47%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8854, 0.3998, 0.2908 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 41.8854, 0.3998, 0.2908 by changing the saturation by 10% instead.


 41.8854, 0.3998,
0.2908


 41.8854, 0.3998,
0.2908


354.0077, 0.3556,
0.3103


 29.0116, 0.4110,
0.2858

 78.0262, 0.3836,
0.2980

 19.0896, 0.4254,
0.2794


 102.0619, 0.3776,
0.3007

 11.7350, 0.4447,
0.2707


 130.5870, 0.3725,
0.3029

 6.5635, 0.4718,
0.2585

163.9859, 0.3681,
0.3048

 3.1907, 0.5121,
0.2403

202.6431, 0.3643,
0.3065

 1.2321, 0.5774,
0.2103

246.9428, 0.3610,

 0.0877, 0.9297,

0.3079

0.0600

297.2695, 0.3581,
0.3092

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.8854, 0.3998,
0.2908

■ 41.8854, 0.3998,
0.2908

■ 34.9014, 0.4299,
0.2841

■ 50.6695, 0.3741,
0.2988

■ 29.5876, 0.4640,
0.2798

■ 61.3647, 0.3527,
0.3073

■ 25.8019, 0.5003,
0.2792

■ 74.0767, 0.3351,
0.3158

■ 23.3766, 0.5360,
0.2832

■ 88.9027, 0.3207,
0.3239

■ 22.1015, 0.5678,
0.2920

100.0000, 0.3127,
0.3290

■ 21.8273, 0.5774,
0.2954

Harmonies

Analogous

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



41.8854, 0.3290, 0.2498



41.8854, 0.3998, 0.2908



41.8854, 0.4461, 0.3415

Triad

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



41.8854, 0.3998, 0.2908



41.8854, 0.3534, 0.4595



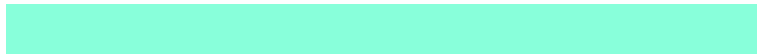
41.8854, 0.1906, 0.2436

Complementary

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



41.8854, 0.3998, 0.2908



81.8195, 0.2669, 0.3728

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.



41.8854, 0.1952, 0.2932



41.8854, 0.3998, 0.2908



41.8854, 0.2851, 0.4327

Square

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



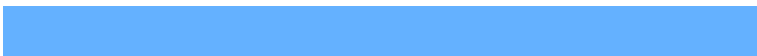
41.8854, 0.3998, 0.2908



41.8854, 0.4143, 0.4399



41.8854, 0.2279, 0.3652



41.8854, 0.2129, 0.2220

Rectangle

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



41.8854, 0.3998, 0.2908



41.8854, 0.4537, 0.3770



41.8854, 0.2279, 0.3652



41.8854, 0.1891, 0.2570

Sweetspot

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



41.8865, 0.3998, 0.2908



77.8146, 0.3310, 0.3180



39.6316, 0.2856, 0.2037



16.0048, 0.3343, 0.3162



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.



41.8865, 0.3998, 0.2908



35.3113, 0.4278, 0.2845



47.4316, 0.4297, 0.3521



18.0800, 0.3245, 0.3216



11.4287, 0.5731, 0.2931



1.1314, 0.5411, 0.2754

Inverse Universe

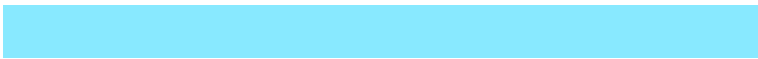
The Inverse Universe completely reimagines the original color for something new.



41.8865, 0.3998, 0.2908



35.3113, 0.4278, 0.2845



70.8376, 0.2458, 0.3034



18.0800, 0.3245, 0.3216



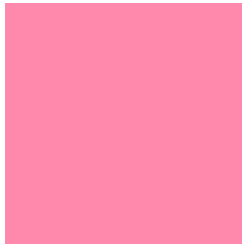
11.4287, 0.5731, 0.2931



1.1314, 0.5411, 0.2754

Previews

White Background



This preview shows how the Yxy color 41.8854, 0.3998, 0.2908 looks on a white background.

Color Contrast Check

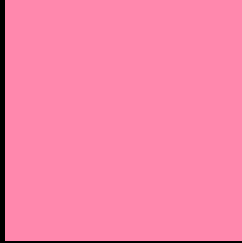
Large Text (above 18pt) WCAG AA × Fail

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 41.8854, 0.3998, 0.2908 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 41.8854, 0.3998, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 41.8854, 0.3998, 0.2908.



This preview shows how white text looks on a background with the Yxy color 41.8854, 0.3998, 0.2908.

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

41.8854, 0.3998, 0.2908

Protanopia

42.1031, 0.2934, 0.2984

Deuteranopia

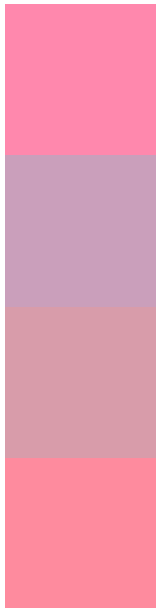
42.1699, 0.3360, 0.3291



Tritanopia

41.8408, 0.4221, 0.3188

Trichromacy



Original Color

41.8854, 0.3998, 0.2908

Protanomaly

40.9407, 0.3286, 0.2942

Deuteranomaly

41.2781, 0.3589, 0.3122

Tritanomaly

42.0047, 0.4145, 0.3094

Monochromacy



Original Color

41.8854, 0.3998, 0.2908

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

41.5640, 0.3423, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8854, 0.3998, 0.2908 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, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 173)  
}
```

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, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.8854, 0.3998, 0.2908 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, 136, 173) }
```

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

```
.border{ border-color:rgb(255, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8854, 0.3998, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 173) }
```

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

```
.background{ background-color: rgb(255,  
136, 173) }
```

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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