

Converting Colors

$Y_{xy}(41.3510, 0.3954, 0.2961)$

Have a look what the booklet for
Yxy(41.3510, 0.3954, 0.2961)
contains.

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Color

Yxy(41.3240, 0.3954, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	F88BAA
RGB	248, 139, 170
RGB Percent	97%, 55%, 67%
CMY	0.0274, 0.4549, 0.3334
CMYK	0.00, 0.44, 0.31, 0.03
HSL	343°, 89%, 76%
HSV	343°, 44%, 97%
XYZ	55.2010, 41.3240, 43.0831
YIQ	175.1250, 55.0130, 32.7490

Conversions

Conversions Part 2

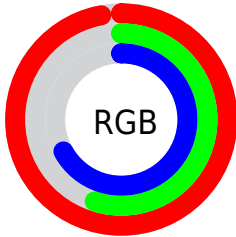
Format	Color
R _Y B	248, 139, 170
Decimal	16288682
CIE Lab	70.40, 44.74, 2.14
CIE LCh	70, 44.791, 2.739
Yxy	41.3240, 0.3954, 0.2960
Android (android.graphics.Color)	4294478762 (0xFFFF88BAA)
YUV	175.1250, -2.5266, 63.9114
Hunter-Lab	64.2837, 40.7830, 5.2624

Details

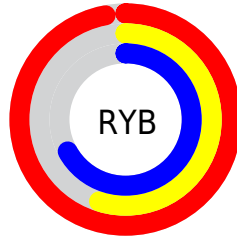
The Yxy color **41.3240, 0.3954, 0.2960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.6442, 0.2676, 0.3661**, and the grayscale version is **42.9302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2798, 0.3379, 0.2976**, and **18.7824, 0.4200, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **34.3130, 0.4256, 0.2895**, and if you desaturate by 10%, it is **50.0587, 0.3699, 0.3035**.

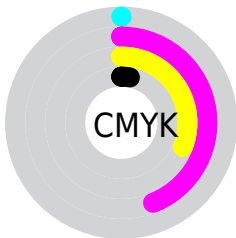
Distribution



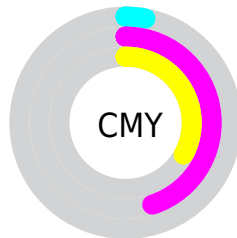
- Red (97%)
- Green (55%)
- Blue (67%)



- Red (97%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (3%)




- Cyan (3%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3240, 0.3954, 0.2960 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 41.3240, 0.3954, 0.2960 by changing the saturation by 10% instead.


 41.3240, 0.3954,
0.2960

 41.3240, 0.3954,
0.2960


351.6729, 0.3532,
0.3131

 28.5723, 0.4061,
0.2916


 77.1755, 0.3799,
0.3023

 18.7575, 0.4200,
0.2858


 101.0441, 0.3741,
0.3047

 11.4952, 0.4387,
0.2781


 129.3872, 0.3693,
0.3066

 6.4010, 0.4650,
0.2670

162.5891, 0.3651,
0.3083

 3.0904, 0.5045,
0.2501

201.0342, 0.3615,
0.3097

 1.1791, 0.5695,
0.2216

245.1070, 0.3584,

 0.0445, 0.9633,

0.3110

0.0367

295.1918, 0.3557,
0.3121

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.3240, 0.3954,
0.2960

41.3240, 0.3954,
0.2960

34.3130, 0.4256,
0.2895

50.0587, 0.3699,
0.3035

28.9045, 0.4601,
0.2850

60.6155, 0.3488,
0.3113

24.9710, 0.4975,
0.2838

73.0926, 0.3315,
0.3190

22.3628, 0.5349,
0.2867

87.5794, 0.3175,
0.3263

■ 20.8975, 0.5687,
0.2943

■ 98.6989, 0.3084,
0.3290

■ 20.4069, 0.5862,
0.3003

Harmonies

Analogous

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



41.3240, 0.3312, 0.2569



41.3240, 0.3954, 0.2960



41.3240, 0.4363, 0.3438

Triad

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



41.3240, 0.3954, 0.2960



41.3240, 0.3482, 0.4483



41.3240, 0.1996, 0.2489

Complementary

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



41.3240, 0.3954, 0.2960



77.6442, 0.2676, 0.3661

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.



41.3240, 0.2029, 0.2940



41.3240, 0.3954, 0.2960



41.3240, 0.2851, 0.4210

Square

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



41.3240, 0.3954, 0.2960



41.3240, 0.4049, 0.4334



41.3240, 0.2326, 0.3592



41.3240, 0.2217, 0.2293

Rectangle

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



41.3240, 0.3954, 0.2960



41.3240, 0.4424, 0.3769



41.3240, 0.2326, 0.3592



41.3240, 0.1978, 0.2611

Sweetspot

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



41.3260, 0.3954, 0.2960



79.2076, 0.3301, 0.3197



39.7381, 0.2893, 0.2118



16.2767, 0.3335, 0.3180



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.



41.3260, 0.3954, 0.2960



37.1340, 0.4228, 0.2900



47.2445, 0.4188, 0.3528



17.3063, 0.3249, 0.3223



11.0432, 0.5822, 0.2981



1.0402, 0.5486, 0.2796

Inverse Universe

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



41.3260, 0.3954, 0.2960



37.1340, 0.4228, 0.2900



66.7749, 0.2488, 0.3029



17.3063, 0.3249, 0.3223



11.0432, 0.5822, 0.2981



1.0402, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 41.3240, 0.3954, 0.2960 looks on a white background.

Color Contrast Check

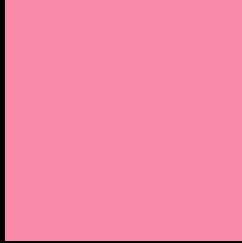
Large Text (above 18pt) WCAG AA × Fail

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 41.3240, 0.3954, 0.2960 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 41.3240, 0.3954, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 41.3240, 0.3954, 0.2960.



This preview shows how white text looks on a background with the Yxy color 41.3240, 0.3954, 0.2960.

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

41.3240, 0.3954, 0.2960

Protanopia

41.4579, 0.2981, 0.3048

Deuteranopia

41.5605, 0.3380, 0.3317



Tritanopia

41.2387, 0.4112, 0.3173

Trichromacy



Original Color

41.3240, 0.3954, 0.2960



Protanomaly

40.3158, 0.3303, 0.2999



Deuteranomaly

40.9010, 0.3577, 0.3168



Tritanomaly

41.3271, 0.4059, 0.3098

Monochromacy



Original Color

41.3240, 0.3954, 0.2960



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.4143, 0.3411, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3240, 0.3954, 0.2960 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(248, 139, 170)` looks like.

```
.text, #text, p{  
    color:rgb(248, 139, 170)  
}
```

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(248, 139, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 139, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.3240, 0.3954, 0.2960 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(248, 139, 170) }
```

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

```
.border{ border-color:rgb(248, 139, 170) }
```

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

Here you see how a box with a 4 pixel rgb(248, 139, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 139, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 139, 170);  
box-shadow:4px 4px 4px 4px rgb(248, 139,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3240, 0.3954, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 139, 170) }
```

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

```
.background{ background-color: rgb(248,  
139, 170) }
```

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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