

Converting Colors

$Y_{xy}(44.3254, 0.3945, 0.2964)$

Have a look what the booklet for
Yxy(44.3254, 0.3945, 0.2964)
contains.

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Color

Yxy(44.3017, 0.3950, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	FF90AF
RGB	255, 144, 175
RGB Percent	100%, 56%, 69%
CMY	0.0000, 0.4353, 0.3137
CMYK	0.00, 0.44, 0.31, 0.00
HSL	343°, 100%, 78%
HSV	343°, 44%, 100%
XYZ	58.9595, 44.3017, 46.0033
YIQ	180.7230, 56.2050, 33.1730

Conversions

Conversions Part 2

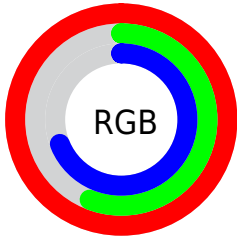
Format	Color
R_{YB}	255, 144, 175
Decimal	16748719
CIE _{Lab}	72.43, 45.26, 2.39
CIE _{LCh}	72, 45.325, 3.024
Yxy	44.3017, 0.3950, 0.2968
Android (android.graphics.Color)	4294938799 (0xFFFF90AF)
YUV	180.7230, -2.8214, 65.1409
Hunter-Lab	66.5595, 41.6389, 5.6128

Details

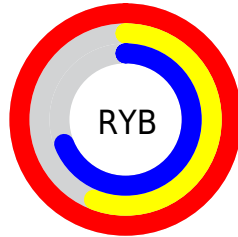
The Yxy color **44.3017, 0.3950, 0.2968** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8291, 0.2676, 0.3651**, and the grayscale version is **46.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2817, 0.3334, 0.2988**, and **20.6480, 0.4186, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **36.7539, 0.4253, 0.2904**, and if you desaturate by 10%, it is **53.6852, 0.3694, 0.3042**.

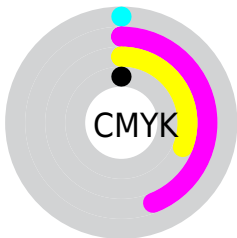
Distribution



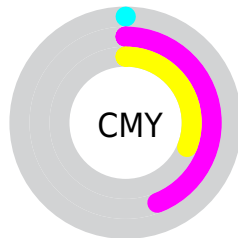
- Red (100%)
- Green (56%)
- Blue (69%)



- Red (100%)
- Yellow (56%)
- Blue (69%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3017, 0.3950, 0.2968 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 44.3017, 0.3950, 0.2968 by changing the saturation by 10% instead.


 44.3017, 0.3950,
0.2968

 44.3017, 0.3950,
0.2968


363.9380, 0.3535,
0.3133

 30.9078, 0.4054,
0.2926

 81.6715, 0.3799,
0.3029

 20.5286, 0.4188,
0.2871


 106.4162, 0.3742,
0.3051

 12.7799, 0.4367,
0.2798


135.7133, 0.3694,
0.3070

 7.2771, 0.4615,
0.2695

169.9471, 0.3653,
0.3086

 3.6360, 0.4983,
0.2540

209.5021, 0.3618,
0.3100

 1.4721, 0.5575,
0.2284

254.7627, 0.3587,

 0.2690, 0.7888,

0.3113

306.1132, 0.3559,
0.3123

0.1439

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.3017, 0.3950,
0.2968

44.3017, 0.3950,
0.2968

36.7539, 0.4253,
0.2904

53.6852, 0.3694,
0.3042

30.9290, 0.4600,
0.2859

65.0261, 0.3483,
0.3119

26.6858, 0.4976,
0.2846

78.4236, 0.3310,
0.3194

23.8646, 0.5354,
0.2875

93.9731, 0.3170,
0.3266

■ 22.2717, 0.5694,
0.2949

100.0000, 0.3127,
0.3290

■ 21.7181, 0.5882,
0.3014

Harmonies

Analogous

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



44.3017, 0.3316, 0.2579



44.3017, 0.3950, 0.2968



44.3017, 0.4352, 0.3443

Triad

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



44.3017, 0.3950, 0.2968



44.3017, 0.3473, 0.4468



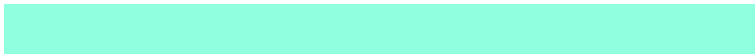
44.3017, 0.2008, 0.2495

Complementary

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



44.3017, 0.3950, 0.2968



82.8291, 0.2676, 0.3651

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.



44.3017, 0.2039, 0.2939



44.3017, 0.3950, 0.2968



44.3017, 0.2849, 0.4194

Square

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



44.3017, 0.3950, 0.2968



44.3017, 0.4036, 0.4327



44.3017, 0.2330, 0.3582



44.3017, 0.2230, 0.2302

Rectangle

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



44.3017, 0.3950, 0.2968



44.3017, 0.4409, 0.3771



44.3017, 0.2330, 0.3582



44.3017, 0.1989, 0.2615

Sweetspot

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



44.2983, 0.3950, 0.2968



79.1988, 0.3302, 0.3198



42.9379, 0.2911, 0.2132



16.2745, 0.3337, 0.3182



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.



44.2983, 0.3950, 0.2968



37.7963, 0.4203, 0.2913



51.2936, 0.4167, 0.3545



18.0705, 0.3250, 0.3224



11.3699, 0.5840, 0.2991



1.1247, 0.5521, 0.2815

Inverse Universe

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



44.2983, 0.3950, 0.2968



37.7963, 0.4203, 0.2913



70.2706, 0.2489, 0.3010



18.0705, 0.3250, 0.3224



11.3699, 0.5840, 0.2991



1.1247, 0.5521, 0.2815

Previews

White Background



This preview shows how the Yxy color 44.3017, 0.3950, 0.2968 looks on a white background.

Color Contrast Check

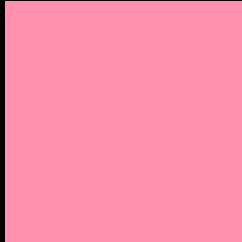
Large Text (above 18pt) WCAG AA × Fail

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 44.3017, 0.3950, 0.2968 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 44.3017, 0.3950, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 44.3017, 0.3950, 0.2968.



This preview shows how white text looks on a background with the Yxy color 44.3017, 0.3950, 0.2968.

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

44.3017, 0.3950, 0.2968

Protanopia

44.5694, 0.2985, 0.3068

Deuteranopia

44.4131, 0.3382, 0.3316



Tritanopia

44.2187, 0.4103, 0.3177

Trichromacy



Original Color

44.3017, 0.3950, 0.2968



Protanomaly

43.4773, 0.3306, 0.3020



Deuteranomaly

43.8793, 0.3584, 0.3172



Tritanomaly

44.3089, 0.4052, 0.3103

Monochromacy



Original Color

44.3017, 0.3950, 0.2968



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.6698, 0.3402, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3017, 0.3950, 0.2968 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.3017, 0.3950, 0.2968 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, 175) }
```

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

```
.border{ border-color:rgb(255, 144, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3017, 0.3950, 0.2968 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
144, 175) }
```

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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