

Converting Colors

$Y_{xy}(44.6280, 0.3969, 0.3005)$

Have a look what the booklet for
Yxy(44.6280, 0.3969, 0.3005)
contains.

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Color

Yxy(44.5279, 0.3968, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FF91AD
RGB	255, 145, 173
RGB Percent	100%, 57%, 68%
CMY	0.0000, 0.4314, 0.3215
CMYK	0.00, 0.43, 0.32, 0.00
HSL	345°, 100%, 78%
HSV	345°, 43%, 100%
XYZ	58.9152, 44.5279, 45.0327
YIQ	181.0820, 56.5720, 32.0280

Conversions

Conversions Part 2

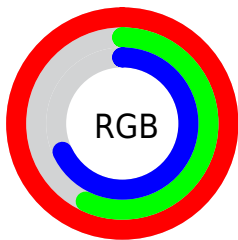
Format	Color
R_{YB}	255, 145, 173
Decimal	16748973
CIE _{Lab}	72.58, 44.51, 3.71
CIE _{LCh}	73, 44.662, 4.768
Yxy	44.5279, 0.3968, 0.2999
Android (android.graphics.Color)	4294939053 (0xFFFF91AD)
YUV	181.0820, -3.9844, 64.8261
Hunter-Lab	66.7292, 40.8214, 6.6982

Details

The Yxy color **44.5279, 0.3968, 0.2999** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0837, 0.2667, 0.3615**, and the grayscale version is **46.2515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6347, 0.3348, 0.3018**, and **20.7705, 0.4212, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **36.9045, 0.4281, 0.2941**, and if you desaturate by 10%, it is **54.0009, 0.3704, 0.3067**.

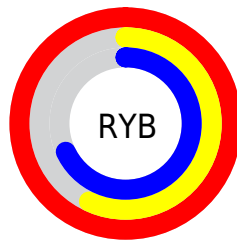
Distribution



Red (100%)

Green (57%)

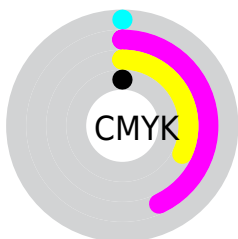
Blue (68%)



Red (100%)

Yellow (57%)

Blue (68%)

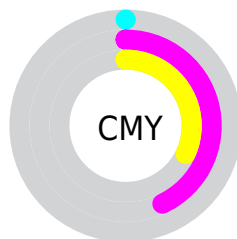


Cyan (0%)

Magenta (43%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5279, 0.3968, 0.2999 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 44.5279, 0.3968, 0.2999 by changing the saturation by 10% instead.

 44.5279, 0.3968,
0.2999


 44.5279, 0.3968,
0.2999

364.8582, 0.3544,
0.3150

 31.0857, 0.4075,
0.2960


 82.0115, 0.3813,
0.3055

 20.6641, 0.4212,
0.2909


 106.8218, 0.3755,
0.3075

 12.8787, 0.4395,
0.2841


136.1902, 0.3706,
0.3093

 7.3451, 0.4649,
0.2744

170.5011, 0.3664,
0.3108

 3.6788, 0.5025,
0.2596

210.1390, 0.3628,
0.3120

 1.4956, 0.5630,
0.2348

255.4882, 0.3596,

 0.2856, 0.8136,

0.3131

306.9331, 0.3568,
0.3141

0.1580

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5279, 0.3968,
0.2999

44.5279, 0.3968,
0.2999

36.9045, 0.4281,
0.2941

54.0009, 0.3704,
0.3067

31.0135, 0.4640,
0.2900

65.4405, 0.3487,
0.3137

26.7151, 0.5029,
0.2890

78.9477, 0.3310,
0.3206

23.8503, 0.5418,
0.2920

94.6180, 0.3166,
0.3271

■ 22.2263, 0.5764,
0.2992

100.0000, 0.3127,
0.3290

■ 21.6412, 0.5961,
0.3057

Harmonies

Analogous

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



44.5279, 0.3352, 0.2608



44.5279, 0.3968, 0.2999



44.5279, 0.4344, 0.3470

Triad

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



44.5279, 0.3968, 0.2999



44.5279, 0.3434, 0.4444



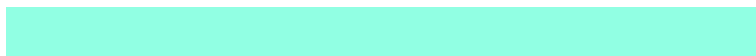
44.5279, 0.2030, 0.2489

Complementary

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



44.5279, 0.3968, 0.2999



83.0837, 0.2667, 0.3615

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.



44.5279, 0.2046, 0.2914



44.5279, 0.3968, 0.2999



44.5279, 0.2820, 0.4150

Square

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



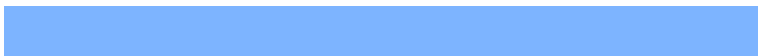
44.5279, 0.3968, 0.2999



44.5279, 0.3995, 0.4328



44.5279, 0.2319, 0.3539



44.5279, 0.2263, 0.2313

Rectangle

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



44.5279, 0.3968, 0.2999



44.5279, 0.4386, 0.3793



44.5279, 0.2319, 0.3539



44.5279, 0.2007, 0.2603

Sweetspot

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



44.5261, 0.3968, 0.2999



79.1527, 0.3307, 0.3206



43.5828, 0.2929, 0.2148



16.2632, 0.3343, 0.3192



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.



44.5261, 0.3968, 0.2999



37.6839, 0.4243, 0.2946



52.3017, 0.4144, 0.3562



18.0630, 0.3254, 0.3230



11.3282, 0.5921, 0.3035



1.1198, 0.5605, 0.2861

Inverse Universe

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



44.5261, 0.3968, 0.2999



37.6839, 0.4243, 0.2946



69.4612, 0.2490, 0.2991



18.0630, 0.3254, 0.3230



11.3282, 0.5921, 0.3035



1.1198, 0.5605, 0.2861

Previews

White Background



This preview shows how the Yxy color 44.5279, 0.3968, 0.2999 looks on a white background.

Color Contrast Check

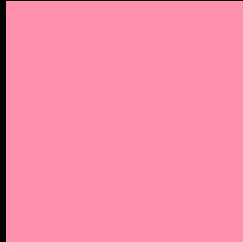
Large Text (above 18pt) WCAG AA × Fail

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 44.5279, 0.3968, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

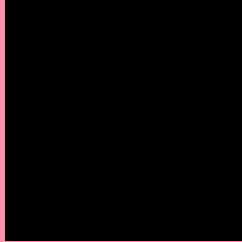
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5279, 0.3968, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 44.5279, 0.3968, 0.2999.

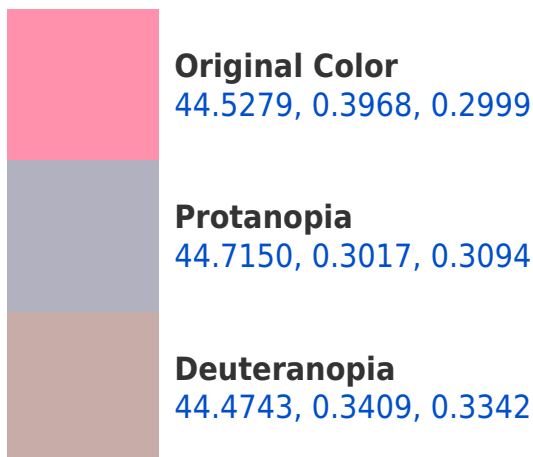


This preview shows how white text looks on a background with the Yxy color 44.5279, 0.3968, 0.2999.

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

44.7193, 0.4108, 0.3188

Trichromacy



Original Color

44.5279, 0.3968, 0.2999



Protanomaly

43.5349, 0.3333, 0.3045



Deuteranomaly

43.8030, 0.3603, 0.3196



Tritanomaly

44.5826, 0.4059, 0.3124

Monochromacy



Original Color

44.5279, 0.3968, 0.2999



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.6295, 0.3411, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5279, 0.3968, 0.2999 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, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.5279, 0.3968, 0.2999 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, 145, 173) }
```

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

```
.border{ border-color:rgb(255, 145, 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, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5279, 0.3968, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 173) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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