

Converting Colors

$Y_{xy}(48.5571, 0.4143, 0.3061)$

Have a look what the booklet for
Yxy(48.5571, 0.4143, 0.3061)
contains.

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Color

Yxy(45.0677, 0.3983, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FF93AB
RGB	255, 147, 171
RGB Percent	100%, 58%, 67%
CMY	0.0000, 0.4235, 0.3295
CMYK	0.00, 0.42, 0.33, 0.00
HSL	347°, 100%, 79%
HSV	347°, 42%, 100%
XYZ	59.0282, 45.0677, 44.1044
YIQ	182.0280, 56.6640, 30.3600

Conversions

Conversions Part 2

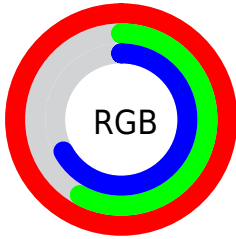
Format	Color
R_{YB}	255, 147, 171
Decimal	16749483
CIE _{Lab}	72.94, 43.24, 5.36
CIE _{LCh}	73, 43.574, 7.064
Yxy	45.0677, 0.3983, 0.3041
Android (android.graphics.Color)	4294939563 (0xFFFF93AB)
YUV	182.0280, -5.4368, 63.9964
Hunter-Lab	67.1325, 39.4694, 8.0407

Details

The Yxy color **45.0677, 0.3983, 0.3041** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4934, 0.2657, 0.3566**, and the grayscale version is **46.7990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4629, 0.3360, 0.3058**, and **21.0731, 0.4233, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **37.2949, 0.4308, 0.2990**, and if you desaturate by 10%, it is **54.7082, 0.3710, 0.3100**.

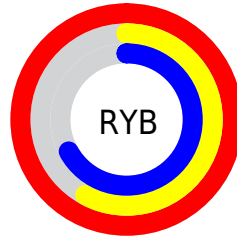
Distribution



Red (100%)

Green (58%)

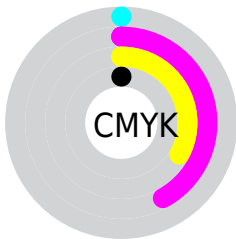
Blue (67%)



Red (100%)

Yellow (58%)

Blue (67%)

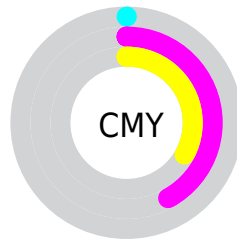


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0677, 0.3983, 0.3041 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 45.0677, 0.3983, 0.3041 by changing the saturation by 10% instead.


 45.0677, 0.3983,
0.3041


 45.0677, 0.3983,
0.3041


367.0477, 0.3551,
0.3172

 31.5108, 0.4092,
0.3007


 82.8220, 0.3825,
0.3090

 20.9881, 0.4231,
0.2961


 107.7881, 0.3766,
0.3108

 13.1153, 0.4417,
0.2900


137.3261, 0.3717,
0.3123

 7.5080, 0.4675,
0.2811


171.8204, 0.3674,
0.3136

 3.7818, 0.5057,
0.2674

211.6552, 0.3637,
0.3147

 1.5523, 0.5668,
0.2442

257.2152, 0.3605,

 0.3251, 0.8199,

0.3156

0.1801

308.8845, 0.3576,
0.3165

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0677, 0.3983,
0.3041

45.0677, 0.3983,
0.3041

37.2949, 0.4308,
0.2990

54.7082, 0.3710,
0.3100

31.2722, 0.4682,
0.2955

66.3328, 0.3486,
0.3161

26.8608, 0.5087,
0.2947

80.0424, 0.3304,
0.3221

23.9028, 0.5489,
0.2976

95.9326, 0.3157,
0.3277

■ 22.2079, 0.5843,
0.3043

100.0000, 0.3127,
0.3290

■ 21.5516, 0.6057,
0.3110

Harmonies

Analogous

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



45.0677, 0.3396, 0.2650



45.0677, 0.3983, 0.3041



45.0677, 0.4323, 0.3505

Triad

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



45.0677, 0.3983, 0.3041



45.0677, 0.3382, 0.4402



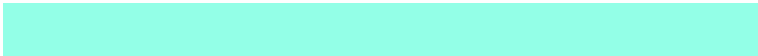
45.0677, 0.2066, 0.2490

Complementary

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



45.0677, 0.3983, 0.3041



83.4934, 0.2657, 0.3566

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.



45.0677, 0.2063, 0.2887



45.0677, 0.3983, 0.3041



45.0677, 0.2787, 0.4085

Square

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



45.0677, 0.3983, 0.3041



45.0677, 0.3937, 0.4321



45.0677, 0.2312, 0.3483



45.0677, 0.2312, 0.2334

Rectangle

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



45.0677, 0.3983, 0.3041



45.0677, 0.4345, 0.3819



45.0677, 0.2312, 0.3483



45.0677, 0.2037, 0.2595

Sweetspot

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



45.0661, 0.3983, 0.3041



79.0918, 0.3315, 0.3217



44.8765, 0.2964, 0.2179



16.2484, 0.3352, 0.3204



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.



45.0661, 0.3983, 0.3041



38.2419, 0.4261, 0.2996



54.3380, 0.4101, 0.3595



18.0531, 0.3259, 0.3237



11.2793, 0.6019, 0.3090



1.1138, 0.5713, 0.2921

Inverse Universe

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



45.0661, 0.3983, 0.3041



38.2419, 0.4261, 0.2996



67.9240, 0.2493, 0.2954



18.0531, 0.3259, 0.3237



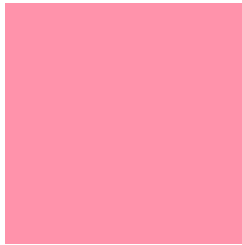
11.2793, 0.6019, 0.3090



1.1138, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 45.0677, 0.3983, 0.3041 looks on a white background.

Color Contrast Check

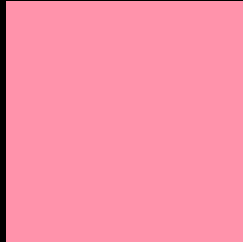
Large Text (above 18pt) WCAG AA × Fail

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 45.0677, 0.3983, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

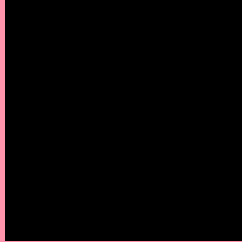
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0677, 0.3983, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 45.0677, 0.3983, 0.3041.

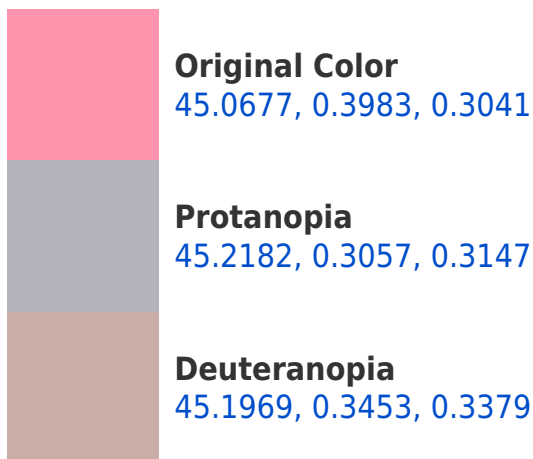


This preview shows how white text looks on a background with the Yxy color 45.0677, 0.3983, 0.3041.

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

45.1038, 0.4083, 0.3177

Trichromacy



Original Color

45.0677, 0.3983, 0.3041



Protanomaly

44.2802, 0.3367, 0.3106



Deuteranomaly

44.7502, 0.3636, 0.3244



Tritanomaly

44.9310, 0.4044, 0.3124

Monochromacy



Original Color

45.0677, 0.3983, 0.3041



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.1456, 0.3418, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0677, 0.3983, 0.3041 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, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 171)  
}
```

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, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.0677, 0.3983, 0.3041 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, 147, 171) }
```

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

```
.border{ border-color:rgb(255, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0677, 0.3983, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 171) }
```

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

```
.background{ background-color: rgb(255,  
147, 171) }
```

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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