

Converting Colors

$Y_{xy}(44.5263, 0.3982, 0.3058)$

Have a look what the booklet for
Yxy(44.5263, 0.3982, 0.3058)
contains.

Yxy(44.6147, 0.3985, 0.3060)	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(44.6147, 0.3985, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	FD93A9
RGB	253, 147, 169
RGB Percent	99%, 58%, 66%
CMY	0.0079, 0.4235, 0.3373
CMYK	0.00, 0.42, 0.33, 0.01
HSL	348°, 96%, 78%
HSV	348°, 42%, 99%
XYZ	58.1012, 44.6147, 43.0838
YIQ	181.2020, 56.1140, 29.3140

Conversions

Conversions Part 2

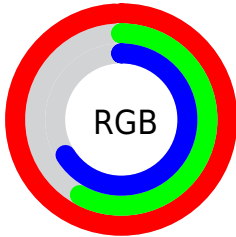
Format	Color
R _Y B	253, 147, 169
Decimal	16618409
CIE Lab	72.64, 42.29, 5.99
CIE LCh	73, 42.709, 8.067
Yxy	44.6147, 0.3985, 0.3060
Android (android.graphics.Color)	4294808489 (0xFFFD93A9)
YUV	181.2020, -6.0156, 62.9668
Hunter-Lab	66.7942, 38.3789, 8.5126

Details

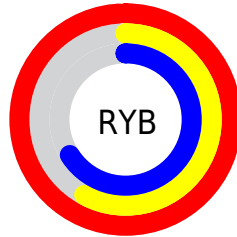
The Yxy color **44.6147, 0.3985, 0.3060** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.2205, 0.2654, 0.3543**, and the grayscale version is **46.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3537, 0.3375, 0.3078**, and **20.7591, 0.4239, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **36.8981, 0.4314, 0.3012**, and if you desaturate by 10%, it is **54.1811, 0.3709, 0.3115**.

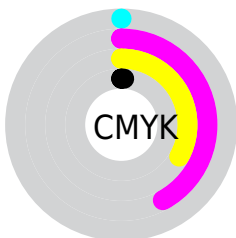
Distribution



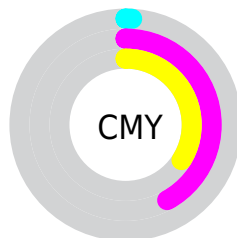
- Red (99%)
- Green (58%)
- Blue (66%)



- Red (99%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (33%)
- Black (1%)




- Cyan (1%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6147, 0.3985, 0.3060 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 44.6147, 0.3985, 0.3060 by changing the saturation by 10% instead.


 44.6147, 0.3985,
0.3060

 44.6147, 0.3985,
0.3060


365.2108, 0.3551,
0.3182

 31.1540, 0.4094,
0.3027


 82.1419, 0.3826,
0.3106

 20.7162, 0.4235,
0.2984


 106.9773, 0.3767,
0.3123

 12.9167, 0.4423,
0.2925

136.3730, 0.3717,
0.3137

 7.3712, 0.4684,
0.2840

170.7135, 0.3674,
0.3149

 3.6953, 0.5072,
0.2707

210.3831, 0.3637,
0.3159

 1.5046, 0.5695,
0.2476

255.7663, 0.3605,

 0.2920, 0.8276,

0.3168

0.1724

307.2474, 0.3576,
0.3176

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6147, 0.3985,
0.3060

44.6147, 0.3985,
0.3060

36.8981, 0.4314,
0.3012

54.1811, 0.3709,
0.3115

30.9049, 0.4694,
0.2980

65.7000, 0.3483,
0.3172

26.5031, 0.5105,
0.2972

79.2740, 0.3300,
0.3228

23.5387, 0.5514,
0.2999

94.9968, 0.3152,
0.3281

■ 21.8266, 0.5871,
0.3063

99.6214, 0.3115,
0.3290

■ 21.1338, 0.6095,
0.3131

Harmonies

Analogous

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



44.6147, 0.3413, 0.2671



44.6147, 0.3985, 0.3060



44.6147, 0.4308, 0.3519

Triad

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



44.6147, 0.3985, 0.3060



44.6147, 0.3359, 0.4379



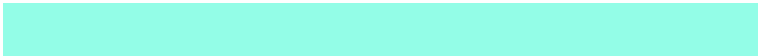
44.6147, 0.2085, 0.2493

Complementary

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



44.6147, 0.3985, 0.3060



82.2205, 0.2654, 0.3543

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.



44.6147, 0.2075, 0.2878



44.6147, 0.3985, 0.3060



44.6147, 0.2775, 0.4054

Square

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



44.6147, 0.3985, 0.3060



44.6147, 0.3910, 0.4313



44.6147, 0.2313, 0.3460



44.6147, 0.2337, 0.2346

Rectangle

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



44.6147, 0.3985, 0.3060



44.6147, 0.4322, 0.3828



44.6147, 0.2313, 0.3460



44.6147, 0.2054, 0.2595

Sweetspot

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



44.6169, 0.3985, 0.3060



79.0648, 0.3318, 0.3222



44.7905, 0.2981, 0.2196



16.2418, 0.3356, 0.3210



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.



44.6169, 0.3985, 0.3060



38.8997, 0.4249, 0.3020



54.4483, 0.4078, 0.3610



18.0487, 0.3262, 0.3241



11.2598, 0.6060, 0.3112



1.1113, 0.5759, 0.2946

Inverse Universe

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



44.6169, 0.3985, 0.3060



38.8997, 0.4249, 0.3020



66.0523, 0.2496, 0.2937



18.0487, 0.3262, 0.3241



11.2598, 0.6060, 0.3112



1.1113, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 44.6147, 0.3985, 0.3060 looks on a white background.

Color Contrast Check

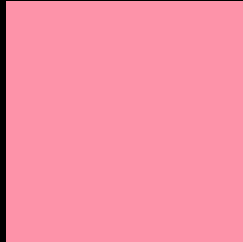
Large Text (above 18pt) WCAG AA × Fail

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 44.6147, 0.3985, 0.3060 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 44.6147, 0.3985, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 44.6147, 0.3985, 0.3060.

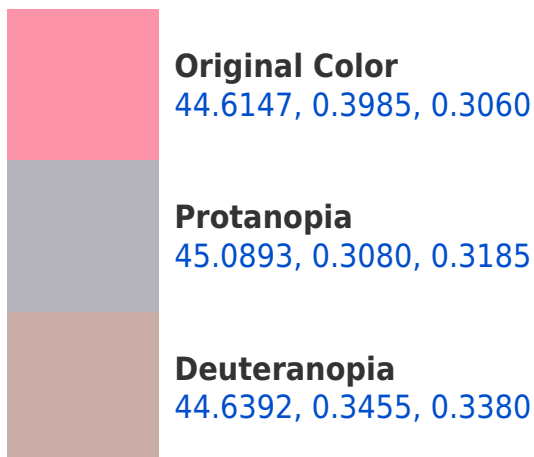


This preview shows how white text looks on a background with the Yxy color 44.6147, 0.3985, 0.3060.

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

44.7284, 0.4064, 0.3176

Trichromacy



Original Color

44.6147, 0.3985, 0.3060



Protanomaly

44.1981, 0.3385, 0.3131



Deuteranomaly

44.1632, 0.3649, 0.3256



Tritanomaly

44.5196, 0.4036, 0.3133

Monochromacy



Original Color

44.6147, 0.3985, 0.3060



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8157, 0.3409, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6147, 0.3985, 0.3060 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(253, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(253, 147, 169)  
}
```

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(253, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 147, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.6147, 0.3985, 0.3060 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(253, 147, 169) }
```

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

```
.border{ border-color:rgb(253, 147, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(253, 147,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6147, 0.3985, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 147, 169) }
```

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

```
.background{ background-color: rgb(253,  
147, 169) }
```

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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