

Converting Colors

$Y_{xy}(45.6459, 0.4077, 0.3177)$

Have a look what the booklet for
Yxy(45.6459, 0.4077, 0.3177)
contains.

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Color

Yxy(45.6459, 0.4077, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FF96A1
RGB	255, 150, 161
RGB Percent	100%, 59%, 63%
CMY	0.0001, 0.4117, 0.3685
CMYK	0.00, 0.41, 0.37, 0.00
HSL	354°, 100%, 79%
HSV	354°, 41%, 100%
XYZ	58.5767, 45.6459, 39.4535
YIQ	182.6490, 59.0490, 25.6810

Conversions

Conversions Part 2

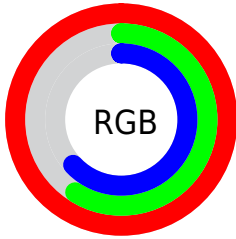
Format	Color
R _Y B	255, 150, 161
Decimal	16750241
CIE Lab	73.32, 40.52, 11.41
CIE LCh	73, 42.095, 15.723
Yxy	45.6459, 0.4077, 0.3177
Android (android.graphics.Color)	4294940321 (0xFFFF96A1)
YUV	182.6490, -10.6730, 63.4518
Hunter-Lab	67.5617, 36.5283, 12.6701

Details

The Yxy color **45.6459, 0.4077, 0.3177** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5248, 0.2611, 0.3413**, and the grayscale version is **47.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3605, 0.3431, 0.3189**, and **21.2773, 0.4341, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **37.6426, 0.4450, 0.3154**, and if you desaturate by 10%, it is **55.5710, 0.3765, 0.3204**.

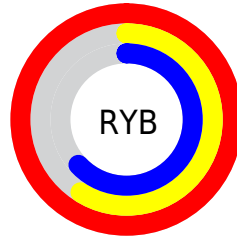
Distribution



Red (100%)

Green (59%)

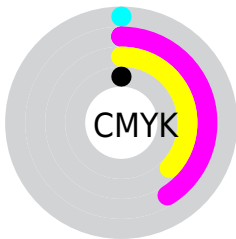
Blue (63%)



Red (100%)

Yellow (59%)

Blue (63%)

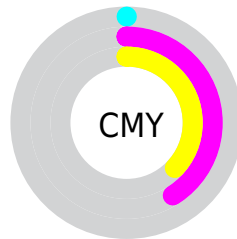


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6459, 0.4077, 0.3177 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 45.6459, 0.4077, 0.3177 by changing the saturation by 10% instead.


 45.6459, 0.4077,
0.3177


 45.6459, 0.4077,
0.3177


369.3832, 0.3596,
0.3246

 31.9665, 0.4198,
0.3156


 83.6888, 0.3902,
0.3205

 21.3359, 0.4353,
0.3127


 108.8211, 0.3836,
0.3215

 13.3698, 0.4559,
0.3085


138.5398, 0.3780,
0.3222

 7.6837, 0.4845,
0.3020

173.2293, 0.3733,
0.3229

 3.8932, 0.5265,
0.2911

213.2740, 0.3692,
0.3234

 1.6140, 0.5934,
0.2710

259.0583, 0.3656,

 0.3670, 0.7971,

0.3239

0.2029

310.9665, 0.3624,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6459, 0.4077,
0.3177

45.6459, 0.4077,
0.3177

37.6426, 0.4450,
0.3154

55.5710, 0.3765,
0.3204

31.4304, 0.4878,
0.3141

67.5241, 0.3512,
0.3233

26.8729, 0.5333,
0.3142

81.6117, 0.3308,
0.3261

23.8113, 0.5765,
0.3164

97.9308, 0.3144,
0.3287

■ 22.0554, 0.6109,
0.3205

99.9969, 0.3127,
0.3290

■ 21.3349, 0.6304,
0.3246

Harmonies

Analogous

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



45.6459, 0.3562, 0.2770



45.6459, 0.4077, 0.3177



45.6459, 0.4307, 0.3634

Triad

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



45.6459, 0.4077, 0.3177



45.6459, 0.3206, 0.4308



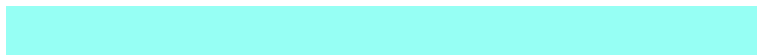
45.6459, 0.2147, 0.2451

Complementary

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



45.6459, 0.4077, 0.3177



84.5248, 0.2611, 0.3413

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.



45.6459, 0.2075, 0.2770



45.6459, 0.4077, 0.3177



45.6459, 0.2651, 0.3903

Square

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



45.6459, 0.4077, 0.3177



45.6459, 0.3769, 0.4340



45.6459, 0.2247, 0.3300



45.6459, 0.2452, 0.2363

Rectangle

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



45.6459, 0.4077, 0.3177



45.6459, 0.4261, 0.3929



45.6459, 0.2247, 0.3300



45.6459, 0.2096, 0.2531

Sweetspot

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



45.6482, 0.4077, 0.3177



80.3664, 0.3323, 0.3259



48.0440, 0.3072, 0.2242



16.7862, 0.3348, 0.3255



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.



45.6482, 0.4077, 0.3177



39.2266, 0.4364, 0.3159



60.3956, 0.4008, 0.3712



18.0180, 0.3278, 0.3265



11.1595, 0.6281, 0.3234



1.0963, 0.6061, 0.3112

Inverse Universe

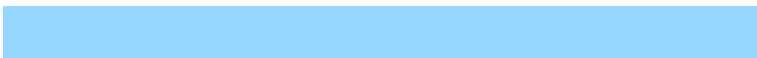
The Inverse Universe completely reimagines the original color for something new.



45.6482, 0.4077, 0.3177



39.2266, 0.4364, 0.3159



62.1755, 0.2485, 0.2817



18.0180, 0.3278, 0.3265



11.1595, 0.6281, 0.3234



1.0963, 0.6061, 0.3112

Previews

White Background



This preview shows how the Yxy color 45.6459, 0.4077, 0.3177 looks on a white background.

Color Contrast Check

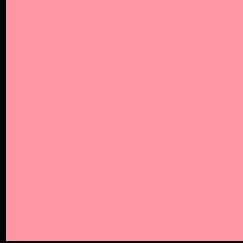
Large Text (above 18pt) WCAG AA × Fail

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 45.6459, 0.4077, 0.3177 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 45.6459, 0.4077, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 45.6459, 0.4077, 0.3177.



This preview shows how white text looks on a background with the Yxy color 45.6459, 0.4077, 0.3177.

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

45.6459, 0.4077, 0.3177

Protanopia

46.0072, 0.3186, 0.3329

Deuteranopia

45.8282, 0.3569, 0.3504



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.6459, 0.4077, 0.3177



Protanomaly

45.0178, 0.3491, 0.3267



Deuteranomaly

45.2262, 0.3758, 0.3375



Tritanomaly

45.6459, 0.4077, 0.3177

Monochromacy



Original Color

45.6459, 0.4077, 0.3177



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7763, 0.3442, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6459, 0.4077, 0.3177 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, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 161)  
}
```

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, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 161) }
```

Border

The CSS property to change the border of an element to Yxy 45.6459, 0.4077, 0.3177 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, 150, 161) }
```

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

```
.border{ border-color:rgb(255, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6459, 0.4077, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 161) }
```

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

```
.background{ background-color: rgb(255,  
150, 161) }
```

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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