

Converting Colors

$Y_{xy}(45.3588, 0.4060, 0.3144)$

Have a look what the booklet for
Yxy(45.3588, 0.4060, 0.3144)
contains.

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Color

Yxy(45.3992, 0.4060, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FF95A3
RGB	255, 149, 163
RGB Percent	100%, 58%, 64%
CMY	0.0001, 0.4156, 0.3608
CMYK	0.00, 0.42, 0.36, 0.00
HSL	352°, 100%, 79%
HSV	352°, 42%, 100%
XYZ	58.5889, 45.3992, 40.3196
YIQ	182.2900, 58.6820, 26.8260

Conversions

Conversions Part 2

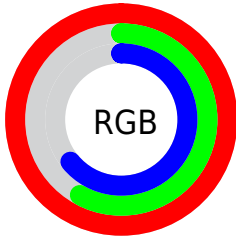
Format	Color
R _Y B	255, 149, 163
Decimal	16749987
CIE Lab	73.15, 41.24, 10.09
CIE LCh	73, 42.462, 13.752
Yxy	45.3992, 0.4060, 0.3146
Android (android.graphics.Color)	4294940067 (0xFFFF95A3)
YUV	182.2900, -9.5100, 63.7667
Hunter-Lab	67.3789, 37.3004, 11.6861

Details

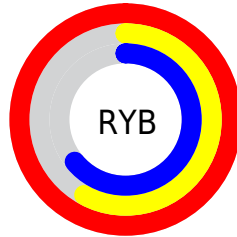
The Yxy color **45.3992, 0.4060, 0.3146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2435, 0.2620, 0.3447**, and the grayscale version is **46.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9846, 0.3418, 0.3159**, and **21.2492, 0.4344, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **37.4706, 0.4423, 0.3117**, and if you desaturate by 10%, it is **55.2371, 0.3756, 0.3181**.

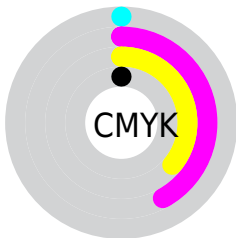
Distribution



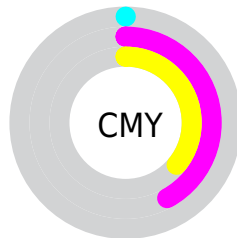
- Red (100%)
- Green (58%)
- Blue (64%)



- Red (100%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3992, 0.4060, 0.3146 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 45.3992, 0.4060, 0.3146 by changing the saturation by 10% instead.


 45.3992, 0.4060,
0.3146

 45.3992, 0.4060,
0.3146


368.3879, 0.3588,
0.3229

 31.7720, 0.4179,
0.3122


 83.3191, 0.3888,
0.3179

 21.1874, 0.4331,
0.3089


 108.3806, 0.3823,
0.3190

 13.2610, 0.4534,
0.3042


138.0223, 0.3769,
0.3200

 7.6086, 0.4816,
0.2972

172.6287, 0.3722,
0.3208

 3.8455, 0.5231,
0.2856

212.5840, 0.3682,
0.3214

 1.5875, 0.5890,
0.2645

258.2727, 0.3647,

 0.3492, 0.8052,

0.3220

0.1948

310.0792, 0.3616,
0.3225

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.3992, 0.4060,
0.3146

45.3992, 0.4060,
0.3146

37.4706, 0.4423,
0.3117

55.2371, 0.3756,
0.3181

31.3208, 0.4840,
0.3099

67.0901, 0.3509,
0.3217

26.8137, 0.5285,
0.3100

81.0643, 0.3309,
0.3252

23.7907, 0.5712,
0.3124

97.2564, 0.3149,
0.3285

■ 22.0613, 0.6061,
0.3173

99.9941, 0.3127,
0.3290

■ 21.3673, 0.6261,
0.3223

Harmonies

Analogous

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



45.3992, 0.3526, 0.2742



45.3992, 0.4060, 0.3146



45.3992, 0.4315, 0.3606

Triad

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



45.3992, 0.4060, 0.3146



45.3992, 0.3245, 0.4334



45.3992, 0.2125, 0.2457

Complementary

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



45.3992, 0.4060, 0.3146



84.2435, 0.2620, 0.3447

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.



45.3992, 0.2069, 0.2793



45.3992, 0.4060, 0.3146



45.3992, 0.2679, 0.3946

Square

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



45.3992, 0.4060, 0.3146



45.3992, 0.3809, 0.4340



45.3992, 0.2258, 0.3340



45.3992, 0.2418, 0.2354

Rectangle

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



45.3992, 0.4060, 0.3146



45.3992, 0.4284, 0.3906



45.3992, 0.2258, 0.3340



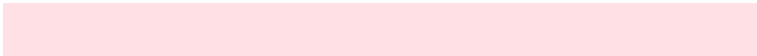
45.3992, 0.2079, 0.2543

Sweetspot

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



45.4015, 0.4060, 0.3146



80.4121, 0.3317, 0.3250



47.3946, 0.3057, 0.2228



16.7969, 0.3341, 0.3246



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.



45.4015, 0.4060, 0.3146



38.5911, 0.4363, 0.3121



59.3368, 0.4027, 0.3698



18.0260, 0.3274, 0.3259



11.1799, 0.6234, 0.3208



1.1000, 0.5981, 0.3069

Inverse Universe

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



45.4015, 0.4060, 0.3146



38.5911, 0.4363, 0.3121



62.7851, 0.2483, 0.2833



18.0260, 0.3274, 0.3259



11.1799, 0.6234, 0.3208



1.1000, 0.5981, 0.3069

Previews

White Background



This preview shows how the Yxy color 45.3992, 0.4060, 0.3146 looks on a white background.

Color Contrast Check

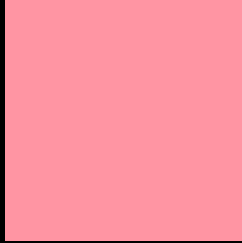
Large Text (above 18pt) WCAG AA × Fail

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 45.3992, 0.4060, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

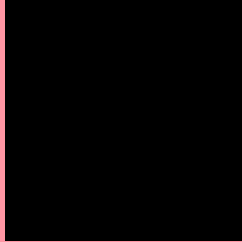
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3992, 0.4060, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 45.3992, 0.4060, 0.3146.



This preview shows how white text looks on a background with the Yxy color 45.3992, 0.4060, 0.3146.

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

45.3992, 0.4060, 0.3146

Protanopia

45.5622, 0.3162, 0.3290

Deuteranopia

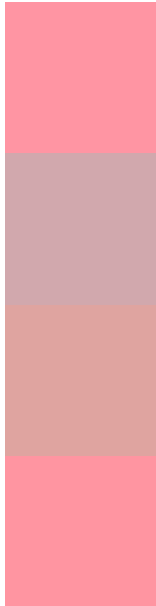
45.3695, 0.3544, 0.3467



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.3992, 0.4060, 0.3146

Protanomaly

44.5777, 0.3466, 0.3229

Deuteranomaly

44.7770, 0.3733, 0.3339

Tritanomaly

45.3281, 0.4081, 0.3167

Monochromacy



Original Color

45.3992, 0.4060, 0.3146

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3999, 0.3443, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3992, 0.4060, 0.3146 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, 149, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 163)  
}
```

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, 149, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.3992, 0.4060, 0.3146 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, 149, 163) }
```

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

```
.border{ border-color:rgb(255, 149, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3992, 0.4060, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 163) }
```

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

```
.background{ background-color: rgb(255,  
149, 163) }
```

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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