

Converting Colors

Yxy(44.4654, 0.4078, 0.3188)

Have a look what the booklet for
Yxy(44.4654, 0.4078, 0.3188)
contains.

Yxy(44.6590, 0.4085, 0.3197)	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(44.6590, 0.4085, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	FC959E
RGB	252, 149, 158
RGB Percent	99%, 58%, 62%
CMY	0.0118, 0.4157, 0.3803
CMYK	0.00, 0.41, 0.37, 0.01
HSL	355°, 94%, 79%
HSV	355°, 41%, 99%
XYZ	57.0635, 44.6590, 37.9678
YIQ	180.8230, 58.4990, 24.6350

Conversions

Conversions Part 2

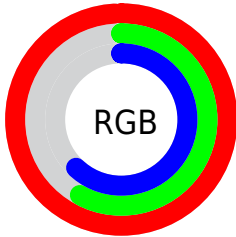
Format	Color
R _Y B	252, 149, 158
Decimal	16553374
CIE _{Lab}	72.67, 39.62, 12.10
CIE _{LCh}	73, 41.426, 16.986
Y _{xy}	44.6590, 0.4085, 0.3197
Android (android.graphics.Color)	4294743454 (0xFFFC959E)
YUV	180.8230, -11.2517, 62.4222
Hunter-Lab	66.8274, 35.4721, 13.0937

Details

The Yxy color **44.6590, 0.4085, 0.3197** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.4777, 0.2606, 0.3391**, and the grayscale version is **46.1482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2498, 0.3458, 0.3199**, and **20.7647, 0.4369, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **36.8118, 0.4464, 0.3178**, and if you desaturate by 10%, it is **54.3836, 0.3769, 0.3220**.

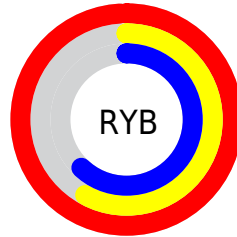
Distribution



Red (99%)

Green (58%)

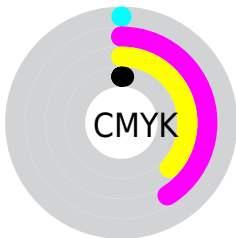
Blue (62%)



Red (99%)

Yellow (58%)

Blue (62%)

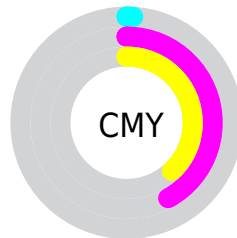


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (1%)



Cyan (1%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6590, 0.4085, 0.3197 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 44.6590, 0.4085, 0.3197 by changing the saturation by 10% instead.

 44.6590, 0.4085,
0.3197

 44.6590, 0.4085,
0.3197


365.3907, 0.3598,
0.3257

 31.1889, 0.4208,
0.3178


 82.2085, 0.3907,
0.3222

 20.7427, 0.4366,
0.3151


 107.0566, 0.3840,
0.3230

 12.9361, 0.4577,
0.3112


136.4663, 0.3784,
0.3237

 7.3846, 0.4870,
0.3049

170.8219, 0.3736,
0.3243

 3.7037, 0.5302,
0.2942

210.5077, 0.3695,
0.3247

 1.5093, 0.6014,
0.2747

255.9082, 0.3659,

 0.2952, 0.8168,

0.3251

0.1832

307.4077, 0.3627,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6590, 0.4085,
0.3197

44.6590, 0.4085,
0.3197

36.8118, 0.4464,
0.3178

54.3836, 0.3769,
0.3220

30.7148, 0.4898,
0.3167

66.0890, 0.3512,
0.3243

26.2354, 0.5359,
0.3169

79.8787, 0.3305,
0.3266

23.2194, 0.5793,
0.3188

95.8472, 0.3140,
0.3288

■ 21.4823, 0.6134,
0.3223

■ 99.4344, 0.3109,
0.3290

■ 20.7525, 0.6326,
0.3259

Harmonies

Analogous

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



44.6590, 0.3583, 0.2789



44.6590, 0.4085, 0.3197



44.6590, 0.4299, 0.3651

Triad

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



44.6590, 0.4085, 0.3197



44.6590, 0.3182, 0.4289



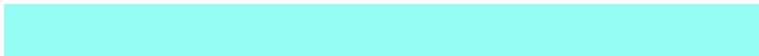
44.6590, 0.2162, 0.2450

Complementary

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



44.6590, 0.4085, 0.3197



82.4777, 0.2606, 0.3391

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.



44.6590, 0.2081, 0.2757



44.6590, 0.4085, 0.3197



44.6590, 0.2634, 0.3874

Square

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



44.6590, 0.4085, 0.3197



44.6590, 0.3743, 0.4337



44.6590, 0.2242, 0.3276



44.6590, 0.2475, 0.2371

Rectangle

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



44.6590, 0.4085, 0.3197



44.6590, 0.4243, 0.3942



44.6590, 0.2242, 0.3276



44.6590, 0.2109, 0.2526

Sweetspot

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



44.6612, 0.4085, 0.3197



80.3369, 0.3327, 0.3264



47.3489, 0.3087, 0.2255



16.7794, 0.3352, 0.3261



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.



44.6612, 0.4085, 0.3197



39.1611, 0.4390, 0.3181



59.7794, 0.3991, 0.3727



17.2499, 0.3280, 0.3270



10.8194, 0.6305, 0.3247



1.0102, 0.6103, 0.3136

Inverse Universe

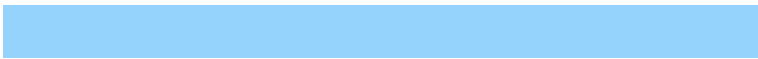
The Inverse Universe completely reimagines the original color for something new.



44.6612, 0.4085, 0.3197



39.1611, 0.4390, 0.3181



59.9075, 0.2487, 0.2800



17.2499, 0.3280, 0.3270



10.8194, 0.6305, 0.3247



1.0102, 0.6103, 0.3136

Previews

White Background



This preview shows how the Yxy color 44.6590, 0.4085, 0.3197 looks on a white background.

Color Contrast Check

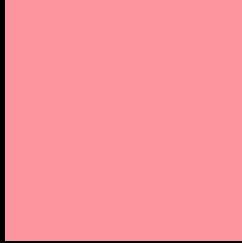
Large Text (above 18pt) WCAG AA × Fail

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 44.6590, 0.4085, 0.3197 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 44.6590, 0.4085, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 44.6590, 0.4085, 0.3197.



This preview shows how white text looks on a background with the Yxy color 44.6590, 0.4085, 0.3197.

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

44.6590, 0.4085, 0.3197

Protanopia

44.9252, 0.3212, 0.3356

Deuteranopia

44.8173, 0.3592, 0.3518



Tritanopia

44.7284, 0.4064, 0.3176

Trichromacy



Original Color

44.6590, 0.4085, 0.3197

Protanomaly

43.8745, 0.3505, 0.3279

Deuteranomaly

44.4471, 0.3772, 0.3399

Tritanomaly

44.6935, 0.4075, 0.3186

Monochromacy



Original Color

44.6590, 0.4085, 0.3197

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.6585, 0.3445, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6590, 0.4085, 0.3197 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(252, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 158)  
}
```

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(252, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.6590, 0.4085, 0.3197 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(252, 149, 158) }
```

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

```
.border{ border-color:rgb(252, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6590, 0.4085, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 158) }
```

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

```
.background{ background-color: rgb(252,  
149, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor