

Converting Colors

Yxy(46.5109, 0.4049, 0.3184)

Have a look what the booklet for
Yxy(46.5109, 0.4049, 0.3184)
contains.

Yxy(46.3608, 0.4049, 0.3177)	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(46.3608, 0.4049, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FF98A3
RGB	255, 152, 163
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.4040, 0.3608
CMYK	0.00, 0.40, 0.36, 0.00
HSL	354°, 100%, 80%
HSV	354°, 40%, 100%
XYZ	59.0856, 46.3608, 40.4800
YIQ	184.0510, 57.8570, 25.2570

Conversions

Conversions Part 2

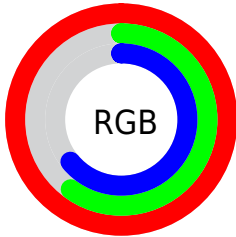
Format	Color
R _Y B	255, 152, 163
Decimal	16750755
CIE Lab	73.78, 39.75, 10.98
CIE LCh	74, 41.238, 15.443
Yxy	46.3608, 0.4049, 0.3177
Android (android.graphics.Color)	4294940835 (0xFFFF98A3)
YUV	184.0510, -10.3781, 62.2223
Hunter-Lab	68.0888, 35.7421, 12.4132

Details

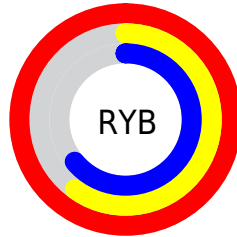
The Yxy color **46.3608, 0.4049, 0.3177** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7264, 0.2620, 0.3413**, and the grayscale version is **47.9928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4337, 0.3413, 0.3189**, and **21.8071, 0.4326, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **38.2078, 0.4416, 0.3153**, and if you desaturate by 10%, it is **56.4345, 0.3743, 0.3205**.

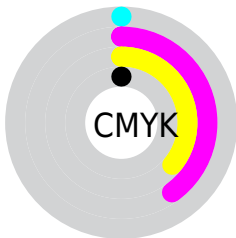
Distribution



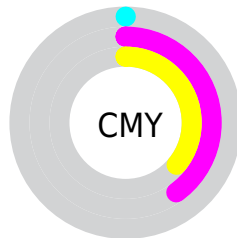
- Red (100%)
- Green (60%)
- Blue (64%)



- Red (100%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3608, 0.4049, 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 46.3608, 0.4049, 0.3177 by changing the saturation by 10% instead.


 46.3608, 0.4049,
0.3177


 46.3608, 0.4049,
0.3177


372.2573, 0.3584,
0.3245

 32.5306, 0.4166,
0.3157

 84.7587, 0.3879,
0.3204

 21.7671, 0.4315,
0.3129


 110.0952, 0.3816,
0.3214

 13.6859, 0.4514,
0.3088


140.0360, 0.3762,
0.3222

 7.9025, 0.4789,
0.3026

174.9654, 0.3716,
0.3228

 4.0326, 0.5192,
0.2923

215.2678, 0.3676,
0.3233

 1.6918, 0.5829,
0.2730

261.3277, 0.3642,

 0.4184, 0.7802,

0.3238

0.2198

313.5294, 0.3611,
0.3242

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.3608, 0.4049,
0.3177

46.3608, 0.4049,
0.3177

38.2078, 0.4416,
0.3153

56.4345, 0.3743,
0.3205

31.8606, 0.4840,
0.3139

68.5493, 0.3494,
0.3234

27.1793, 0.5294,
0.3139

82.8060, 0.3293,
0.3262

24.0069, 0.5730,
0.3159

99.3011, 0.3133,
0.3289

■ 22.1564, 0.6083,
0.3199

100.0000, 0.3127,
0.3290

■ 21.3402, 0.6301,
0.3245

Harmonies

Analogous

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



46.3608, 0.3546, 0.2779



46.3608, 0.4049, 0.3177



46.3608, 0.4277, 0.3624

Triad

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



46.3608, 0.4049, 0.3177



46.3608, 0.3212, 0.4282



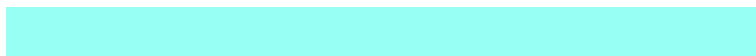
46.3608, 0.2167, 0.2473

Complementary

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



46.3608, 0.4049, 0.3177



84.7264, 0.2620, 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.



46.3608, 0.2099, 0.2788



46.3608, 0.4049, 0.3177



46.3608, 0.2668, 0.3891

Square

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



46.3608, 0.4049, 0.3177



46.3608, 0.3760, 0.4313



46.3608, 0.2271, 0.3307



46.3608, 0.2464, 0.2384

Rectangle

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



46.3608, 0.4049, 0.3177



46.3608, 0.4235, 0.3912



46.3608, 0.2271, 0.3307



46.3608, 0.2118, 0.2553

Sweetspot

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



46.3581, 0.4049, 0.3177



80.3695, 0.3323, 0.3258



48.7256, 0.3074, 0.2261



16.7870, 0.3347, 0.3254



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.



46.3581, 0.4049, 0.3177



39.9908, 0.4323, 0.3158



60.9975, 0.3987, 0.3705



18.0186, 0.3278, 0.3265



11.1608, 0.6278, 0.3232



1.0965, 0.6055, 0.3109

Inverse Universe

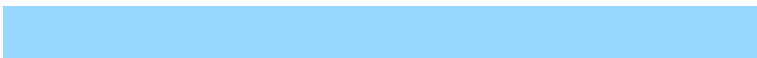
The Inverse Universe completely reimagines the original color for something new.



46.3581, 0.4049, 0.3177



39.9908, 0.4323, 0.3158



62.7577, 0.2497, 0.2827



18.0186, 0.3278, 0.3265



11.1608, 0.6278, 0.3232



1.0965, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 46.3608, 0.4049, 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 46.3608, 0.4049, 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 46.3608, 0.4049, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 46.3608, 0.4049, 0.3177.



This preview shows how white text looks on a background with the Yxy color 46.3608, 0.4049, 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

46.3608, 0.4049, 0.3177

Protanopia

46.7415, 0.3186, 0.3316

Deuteranopia

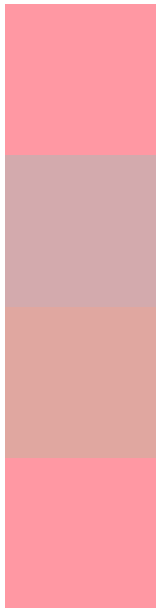
46.4285, 0.3557, 0.3490



Tritanopia

46.3608, 0.4049, 0.3177

Trichromacy



Original Color

46.3608, 0.4049, 0.3177

Protanomaly

45.6155, 0.3480, 0.3254

Deuteranomaly

46.0228, 0.3732, 0.3374

Tritanomaly

46.3608, 0.4049, 0.3177

Monochromacy



Original Color

46.3608, 0.4049, 0.3177

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.3413, 0.3440, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3608, 0.4049, 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, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 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, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.3608, 0.4049, 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, 152, 163) }
```

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

```
.border{ border-color:rgb(255, 152, 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, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3608, 0.4049, 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, 152, 163) }
```

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

```
.background{ background-color: rgb(255,  
152, 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](#).

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