

Converting Colors

$Yxy(48.6199, 0.4067, 0.3112)$

Have a look what the booklet for
Yxy(48.6199, 0.4067, 0.3112)
contains.

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Color

Yxy(46.6188, 0.3976, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FF98AA
RGB	255, 152, 170
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4040, 0.3333
CMYK	0.00, 0.40, 0.33, 0.00
HSL	350°, 100%, 80%
HSV	350°, 40%, 100%
XYZ	59.7346, 46.6188, 43.8845
YIQ	184.8490, 55.6100, 27.4340

Conversions

Conversions Part 2

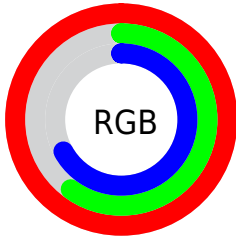
Format	Color
R _Y B	255, 152, 170
Decimal	16750762
CIE Lab	73.95, 40.59, 7.34
CIE LCh	74, 41.248, 10.256
Yxy	46.6188, 0.3976, 0.3103
Android (android.graphics.Color)	4294940842 (0xFFFF98AA)
YUV	184.8490, -7.3206, 61.5224
Hunter-Lab	68.2780, 36.6784, 9.6870

Details

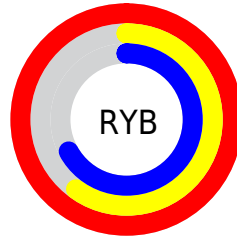
The Yxy color **46.6188, 0.3976, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3069, 0.2652, 0.3494**, and the grayscale version is **48.4402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8080, 0.3362, 0.3119**, and **21.9674, 0.4222, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **38.4750, 0.4312, 0.3062**, and if you desaturate by 10%, it is **56.6598, 0.3695, 0.3150**.

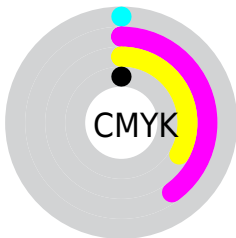
Distribution



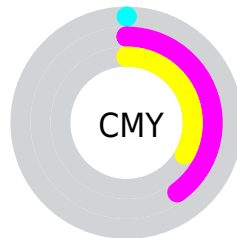
- Red (100%)
- Green (60%)
- Blue (67%)



- Red (100%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6188, 0.3976, 0.3103 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 46.6188, 0.3976, 0.3103 by changing the saturation by 10% instead.


 46.6188, 0.3976,
0.3103

 46.6188, 0.3976,
0.3103


373.2909, 0.3549,
0.3204

 32.7344, 0.4083,
0.3076


 85.1443, 0.3821,
0.3141

 21.9231, 0.4220,
0.3039


 110.5543, 0.3762,
0.3155

 13.8004, 0.4402,
0.2989


140.5748, 0.3713,
0.3167

 7.9820, 0.4654,
0.2916

175.5904, 0.3671,
0.3177

 4.0834, 0.5024,
0.2801

215.9854, 0.3634,
0.3185

 1.7203, 0.5613,
0.2600

262.1442, 0.3602,

 0.4368, 0.7792,

0.3192

0.2208

314.4512, 0.3574,
0.3199

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.6188, 0.3976,
0.3103

46.6188, 0.3976,
0.3103

38.4750, 0.4312,
0.3062

56.6598, 0.3695,
0.3150

32.1212, 0.4702,
0.3034

68.7225, 0.3466,
0.3198

27.4175, 0.5127,
0.3027

82.9042, 0.3281,
0.3245

24.2095, 0.5549,
0.3050

99.3001, 0.3132,
0.3288

■ 22.3130, 0.5916,
0.3104

100.0000, 0.3127,
0.3290

■ 21.4465, 0.6175,
0.3175

Harmonies

Analogous

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



46.6188, 0.3444, 0.2721



46.6188, 0.3976, 0.3103



46.6188, 0.4260, 0.3547

Triad

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



46.6188, 0.3976, 0.3103



46.6188, 0.3310, 0.4312



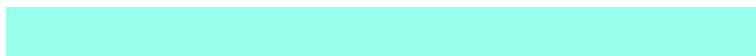
46.6188, 0.2140, 0.2513

Complementary

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



46.6188, 0.3976, 0.3103



84.3069, 0.2652, 0.3494

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.



46.6188, 0.2113, 0.2866



46.6188, 0.3976, 0.3103



46.6188, 0.2755, 0.3979

Square

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



46.6188, 0.3976, 0.3103



46.6188, 0.3843, 0.4282



46.6188, 0.2326, 0.3409



46.6188, 0.2398, 0.2385

Rectangle

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



46.6188, 0.3976, 0.3103



46.6188, 0.4259, 0.3840



46.6188, 0.2326, 0.3409



46.6188, 0.2104, 0.2605

Sweetspot

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



46.6142, 0.3976, 0.3103



80.4859, 0.3308, 0.3237



47.5239, 0.3017, 0.2243



16.8141, 0.3331, 0.3231



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.



46.6142, 0.3976, 0.3103



40.2594, 0.4226, 0.3071



58.0599, 0.4017, 0.3634



18.0389, 0.3267, 0.3249



11.2212, 0.6142, 0.3157



1.1061, 0.5858, 0.3000

Inverse Universe

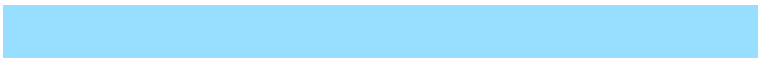
The Inverse Universe completely reimagines the original color for something new.



46.6142, 0.3976, 0.3103



40.2594, 0.4226, 0.3071



66.3378, 0.2510, 0.2910



18.0389, 0.3267, 0.3249



11.2212, 0.6142, 0.3157



1.1061, 0.5858, 0.3000

Previews

White Background



This preview shows how the Yxy color 46.6188, 0.3976, 0.3103 looks on a white background.

Color Contrast Check

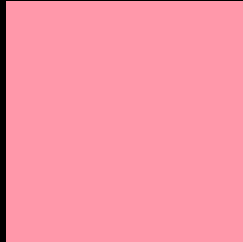
Large Text (above 18pt) WCAG AA × Fail

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 46.6188, 0.3976, 0.3103 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 46.6188, 0.3976, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 46.6188, 0.3976, 0.3103.

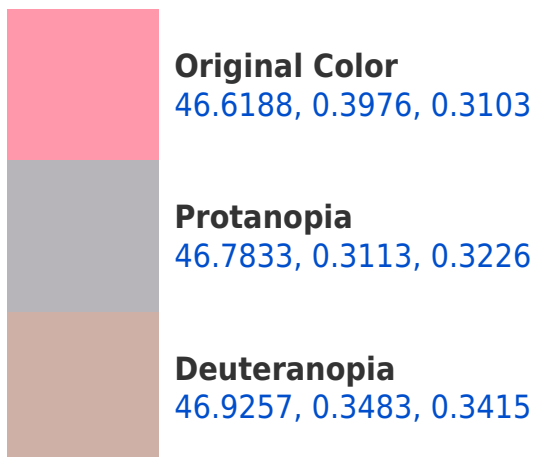


This preview shows how white text looks on a background with the Yxy color 46.6188, 0.3976, 0.3103.

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

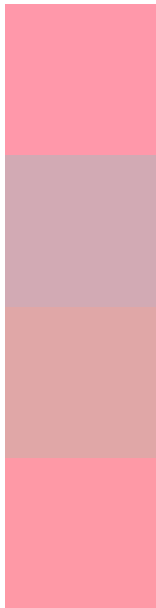




Tritanopia

46.5336, 0.4025, 0.3176

Trichromacy



Original Color

46.6188, 0.3976, 0.3103

Protanomaly

45.7464, 0.3408, 0.3169

Deuteranomaly

46.2747, 0.3666, 0.3292

Tritanomaly

46.6065, 0.4004, 0.3155

Monochromacy



Original Color

46.6188, 0.3976, 0.3103

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

46.8841, 0.3402, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6188, 0.3976, 0.3103 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 170) }
```

Border

The CSS property to change the border of an element to Yxy 46.6188, 0.3976, 0.3103 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, 170) }
```

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

```
.border{ border-color:rgb(255, 152, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6188, 0.3976, 0.3103 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
152, 170) }
```

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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