

Converting Colors

$Y_{xy}(46.8495, 0.4027, 0.3195)$

Have a look what the booklet for
Yxy(46.8495, 0.4027, 0.3195)
contains.

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Color

Yxy(46.8264, 0.4032, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FE9AA3
RGB	254, 154, 163
RGB Percent	100%, 60%, 64%
CMY	0.0039, 0.3960, 0.3609
CMYK	0.00, 0.39, 0.36, 0.00
HSL	355°, 98%, 80%
HSV	355°, 39%, 100%
XYZ	59.0382, 46.8264, 40.5595
YIQ	184.9260, 56.7110, 23.9990

Conversions

Conversions Part 2

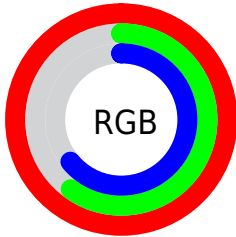
Format	Color
RYB	254, 154, 163
Decimal	16685731
CIELab	74.08, 38.34, 11.40
CIElCh	74, 40.004, 16.563
Yxy	46.8264, 0.4032, 0.3198
Android (android.graphics.Color)	4294875811 (0xFFFE9AA3)
YUV	184.9260, -10.8095, 60.5779
Hunter-Lab	68.4298, 34.2496, 12.7587

Details

The Yxy color **46.8264, 0.4032, 0.3198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3532, 0.2622, 0.3389**, and the grayscale version is **48.5105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4151, 0.3410, 0.3210**, and **22.0572, 0.4302, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **38.5578, 0.4401, 0.3178**, and if you desaturate by 10%, it is **57.0250, 0.3726, 0.3222**.

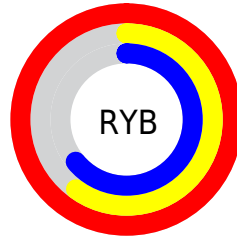
Distribution



Red (100%)

Green (60%)

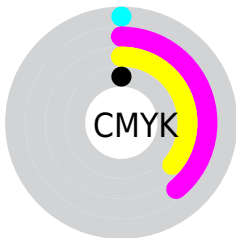
Blue (64%)



Red (100%)

Yellow (60%)

Blue (64%)

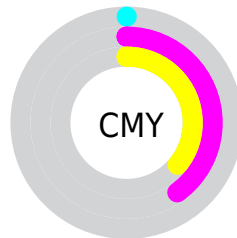


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8264, 0.4032, 0.3198 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 46.8264, 0.4032, 0.3198 by changing the saturation by 10% instead.


 46.8264, 0.4032,
0.3198

 46.8264, 0.4032,
0.3198

374.1212, 0.3576,
0.3256

 32.8984, 0.4146,
0.3180


 85.4544, 0.3866,
0.3221

 22.0487, 0.4293,
0.3156


 110.9233, 0.3804,
0.3230

 13.8927, 0.4487,
0.3120


141.0079, 0.3751,
0.3236

 8.0460, 0.4756,
0.3064


176.0927, 0.3706,
0.3241

 4.1244, 0.5149,
0.2969

216.5620, 0.3667,
0.3246

 1.7434, 0.5770,
0.2790

262.8003, 0.3633,

 0.4515, 0.7664,

0.3250

0.2336

315.1918, 0.3603,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.8264, 0.4032,
0.3198

46.8264, 0.4032,
0.3198

38.5578, 0.4401,
0.3178

57.0250, 0.3726,
0.3222

32.0911, 0.4827,
0.3165

69.2573, 0.3477,
0.3246

27.2939, 0.5286,
0.3165

83.6277, 0.3278,
0.3269

24.0122, 0.5729,
0.3181

99.8118, 0.3121,
0.3290

■ 22.0638, 0.6089,
0.3215

■ 21.1734, 0.6314,
0.3256

■ 21.1326, 0.6324,
0.3258

Harmonies

Analogous

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



46.8264, 0.3554, 0.2807



46.8264, 0.4032, 0.3198



46.8264, 0.4241, 0.3634

Triad

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



46.8264, 0.4032, 0.3198



46.8264, 0.3190, 0.4238



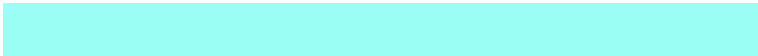
46.8264, 0.2202, 0.2492

Complementary

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



46.8264, 0.4032, 0.3198



84.3532, 0.2622, 0.3389

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.



46.8264, 0.2128, 0.2790



46.8264, 0.4032, 0.3198



46.8264, 0.2666, 0.3850

Square

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



46.8264, 0.4032, 0.3198



46.8264, 0.3724, 0.4284



46.8264, 0.2287, 0.3287



46.8264, 0.2500, 0.2411

Rectangle

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



46.8264, 0.4032, 0.3198



46.8264, 0.4193, 0.3911



46.8264, 0.2287, 0.3287



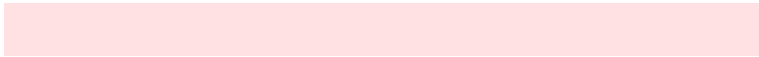
46.8264, 0.2152, 0.2567

Sweetspot

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



46.8287, 0.4032, 0.3198



80.3404, 0.3326, 0.3263



49.5040, 0.3090, 0.2291



16.7802, 0.3351, 0.3260



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.



46.8287, 0.4032, 0.3198



40.7015, 0.4308, 0.3182



61.9918, 0.3951, 0.3711



18.0135, 0.3280, 0.3269



11.1497, 0.6304, 0.3246



1.0941, 0.6108, 0.3138

Inverse Universe

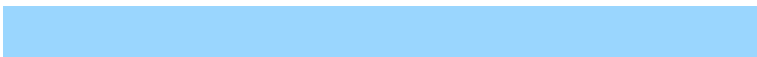
The Inverse Universe completely reimagines the original color for something new.



46.8287, 0.4032, 0.3198



40.7015, 0.4308, 0.3182



62.1232, 0.2509, 0.2821



18.0135, 0.3280, 0.3269



11.1497, 0.6304, 0.3246



1.0941, 0.6108, 0.3138

Previews

White Background



This preview shows how the Yxy color 46.8264, 0.4032, 0.3198 looks on a white background.

Color Contrast Check

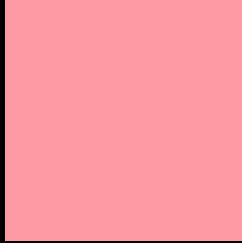
Large Text (above 18pt) WCAG AA × Fail

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 46.8264, 0.4032, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

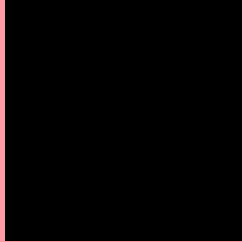
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8264, 0.4032, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 46.8264, 0.4032, 0.3198.



This preview shows how white text looks on a background with the Yxy color 46.8264, 0.4032, 0.3198.

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

46.8264, 0.4032, 0.3198

Protanopia

47.2350, 0.3202, 0.3342

Deuteranopia

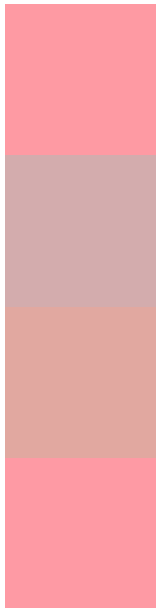
47.1092, 0.3573, 0.3501



Tritanopia

46.8986, 0.4011, 0.3176

Trichromacy



Original Color

46.8264, 0.4032, 0.3198

Protanomaly

46.3711, 0.3476, 0.3279

Deuteranomaly

46.5509, 0.3739, 0.3386

Tritanomaly

46.8624, 0.4021, 0.3187

Monochromacy



Original Color

46.8264, 0.4032, 0.3198

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.1481, 0.3427, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8264, 0.4032, 0.3198 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(254, 154, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 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(254, 154, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.8264, 0.4032, 0.3198 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(254, 154, 163) }
```

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

```
.border{ border-color:rgb(254, 154, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8264, 0.4032, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 163) }
```

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

```
.background{ background-color: rgb(254,  
154, 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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