

Converting Colors

Yxy(46.8186, 0.4127, 0.3290)

Have a look what the booklet for
Yxy(46.8186, 0.4127, 0.3290)
contains.

Yxy(46.7378, 0.4123, 0.3282)	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(46.7378, 0.4123, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A9B
RGB	255, 154, 155
RGB Percent	100%, 60%, 61%
CMY	0.0000, 0.3961, 0.3920
CMYK	0.00, 0.40, 0.39, 0.00
HSL	359°, 100%, 80%
HSV	359°, 40%, 100%
XYZ	58.7142, 46.7378, 36.9545
YIQ	184.3130, 59.8750, 21.7230

Conversions

Conversions Part 2

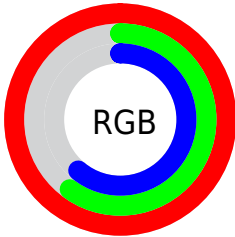
Format	Color
R_{YB}	255, 154, 155
Decimal	16751259
CIE _{Lab}	74.02, 37.81, 15.70
CIE _{LCh}	74, 40.938, 22.554
Yxy	46.7378, 0.4123, 0.3282
Android (android.graphics.Color)	4294941339 (0xFFFF9A9B)
YUV	184.3130, -14.4513, 61.9925
Hunter-Lab	68.3650, 33.6629, 15.8065

Details

The Yxy color **46.7378, 0.4123, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5425, 0.2583, 0.3300**, and the grayscale version is **48.1742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9566, 0.3477, 0.3301**, and **21.9089, 0.4405, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **38.4363, 0.4528, 0.3281**, and if you desaturate by 10%, it is **57.0089, 0.3786, 0.3284**.

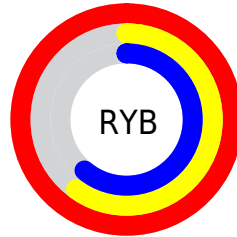
Distribution



Red (100%)

Green (60%)

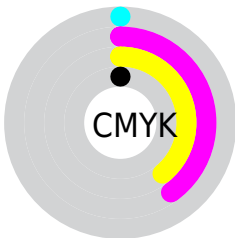
Blue (61%)



Red (100%)

Yellow (60%)

Blue (61%)

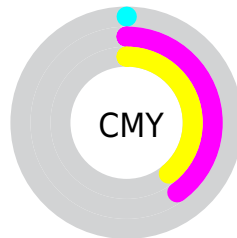


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7378, 0.4123, 0.3282 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 46.7378, 0.4123, 0.3282 by changing the saturation by 10% instead.


 46.7378, 0.4123,
0.3282


 46.7378, 0.4123,
0.3282


373.7670, 0.3620,
0.3302

 32.8284, 0.4249,
0.3272

 85.3221, 0.3940,
0.3293

 21.9950, 0.4410,
0.3256


 110.7658, 0.3871,
0.3296

 13.8533, 0.4623,
0.3230


140.8231, 0.3813,
0.3298

 8.0187, 0.4916,
0.3186

175.8784, 0.3764,
0.3300

 4.1069, 0.5342,
0.3102

216.3160, 0.3721,
0.3301

 1.7335, 0.6045,
0.2948

262.5204, 0.3683,

 0.4452, 0.7655,

0.3302

0.2345

314.8759, 0.3650,
0.3302

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.7378, 0.4123,
0.3282

46.7378, 0.4123,
0.3282

38.4363, 0.4528,
0.3281

57.0089, 0.3786,
0.3284

31.9720, 0.4989,
0.3281

69.3568, 0.3513,
0.3286

27.2076, 0.5472,
0.3283

83.8896, 0.3295,
0.3288

23.9832, 0.5911,
0.3286

99.9996, 0.3127,
0.3290

■ 22.1090, 0.6230,
0.3292

■ 21.2894, 0.6389,
0.3296

■ 21.2654, 0.6393,
0.3296

Harmonies

Analogous

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



46.7378, 0.3676, 0.2869



46.7378, 0.4123, 0.3282



46.7378, 0.4268, 0.3727

Triad

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



46.7378, 0.4123, 0.3282



46.7378, 0.3077, 0.4210



46.7378, 0.2225, 0.2440

Complementary

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



46.7378, 0.4123, 0.3282



85.5425, 0.2583, 0.3300

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.



46.7378, 0.2103, 0.2699



46.7378, 0.4123, 0.3282



46.7378, 0.2562, 0.3755

Square

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



46.7378, 0.4123, 0.3282



46.7378, 0.3634, 0.4327



46.7378, 0.2217, 0.3172



46.7378, 0.2571, 0.2401

Rectangle

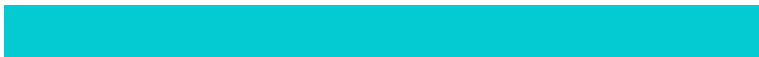
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.7378, 0.4123, 0.3282



46.7378, 0.4174, 0.4000



46.7378, 0.2217, 0.3172



46.7378, 0.2159, 0.2501

Sweetspot

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



46.7401, 0.4123, 0.3282



80.2072, 0.3343, 0.3288



51.2742, 0.3159, 0.2306



16.7492, 0.3370, 0.3287



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.



46.7401, 0.4123, 0.3282



39.6430, 0.4458, 0.3281



66.2188, 0.3922, 0.3798



17.9901, 0.3293, 0.3288



11.1131, 0.6390, 0.3294



1.0831, 0.6365, 0.3280

Inverse Universe

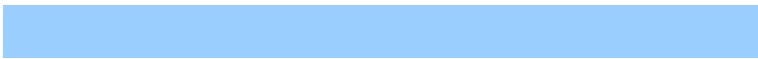
The Inverse Universe completely reimagines the original color for something new.



46.7401, 0.4123, 0.3282



39.6430, 0.4458, 0.3281



58.3217, 0.2490, 0.2714



17.9901, 0.3293, 0.3288



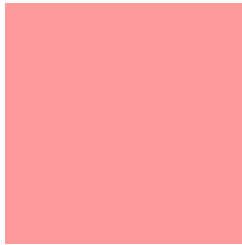
11.1131, 0.6390, 0.3294



1.0831, 0.6365, 0.3280

Previews

White Background



This preview shows how the Yxy color 46.7378, 0.4123, 0.3282 looks on a white background.

Color Contrast Check

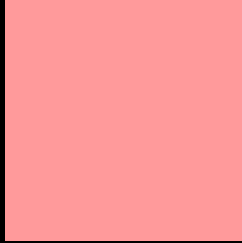
Large Text (above 18pt) WCAG AA × Fail

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 46.7378, 0.4123, 0.3282 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 46.7378, 0.4123, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 46.7378, 0.4123, 0.3282.



This preview shows how white text looks on a background with the Yxy color 46.7378, 0.4123, 0.3282.

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

46.7378, 0.4123, 0.3282

Protanopia

47.1393, 0.3293, 0.3459

Deuteranopia

46.7432, 0.3667, 0.3587



Tritanopia

46.7228, 0.4034, 0.3177

Trichromacy



Original Color

46.7378, 0.4123, 0.3282



Protanomaly

46.3315, 0.3576, 0.3389



Deuteranomaly

46.2353, 0.3837, 0.3468



Tritanomaly

46.6157, 0.4065, 0.3209

Monochromacy



Original Color

46.7378, 0.4123, 0.3282



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.6059, 0.3465, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7378, 0.4123, 0.3282 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, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 155)  
}
```

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, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 155) }
```

Border

The CSS property to change the border of an element to Yxy 46.7378, 0.4123, 0.3282 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, 154, 155) }
```

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

```
.border{ border-color:rgb(255, 154, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7378, 0.4123, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 155) }
```

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

```
.background{ background-color: rgb(255,  
154, 155) }
```

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