

Converting Colors

$Y_{xy}(41.7381, 0.4377, 0.3314)$

Have a look what the booklet for
Yxy(41.7381, 0.4377, 0.3314)
contains.

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Color

Yxy(41.8511, 0.4372, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF8C8A
RGB	255, 140, 138
RGB Percent	100%, 55%, 54%
CMY	0.0000, 0.4510, 0.4587
CMYK	0.00, 0.45, 0.46, 0.00
HSL	1°, 100%, 77%
HSV	1°, 46%, 100%
XYZ	55.2121, 41.8511, 29.2225
YIQ	174.1570, 69.1820, 23.7580

Conversions

Conversions Part 2

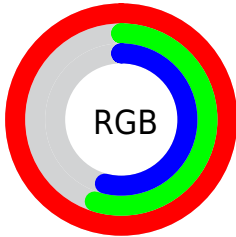
Format	Color
R _Y B	255, 140, 138
Decimal	16747658
CIE Lab	70.77, 43.19, 20.59
CIE LCh	71, 47.849, 25.491
Yxy	41.8511, 0.4372, 0.3314
Android (android.graphics.Color)	4294937738 (0xFFFF8C8A)
YUV	174.1570, -17.8254, 70.8993
Hunter-Lab	64.6924, 39.1301, 18.5025

Details

The Yxy color **41.8511, 0.4372, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8977, 0.2509, 0.3266**, and the grayscale version is **42.4774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0518, 0.3651, 0.3333**, and **19.1231, 0.4750, 0.3282** is the 20% darker color. If you saturate the color by 10%, you get **34.6851, 0.4814, 0.3318**, and if you desaturate by 10%, it is **50.8566, 0.3992, 0.3309**.

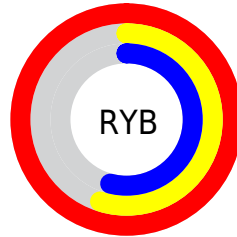
Distribution



Red (100%)

Green (55%)

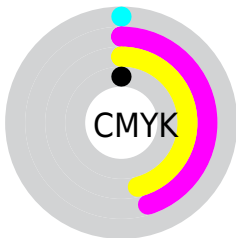
Blue (54%)



Red (100%)

Yellow (55%)

Blue (54%)

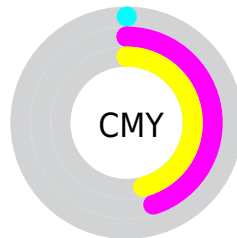


Cyan (0%)

Magenta (45%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8511, 0.4372, 0.3314 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 41.8511, 0.4372, 0.3314 by changing the saturation by 10% instead.


 41.8511, 0.4372,
0.3314

 41.8511, 0.4372,
0.3314


353.8653, 0.3733,
0.3329


 28.9847, 0.4534,
0.3301


 77.9742, 0.4137,
0.3326

 19.0693, 0.4743,
0.3280


 101.9997, 0.4050,
0.3328

 11.7203, 0.5019,
0.3243


 130.5138, 0.3976,
0.3330

 6.5535, 0.5400,
0.3173

163.9007, 0.3913,
0.3330

 3.1845, 0.5946,
0.3036

202.5449, 0.3859,
0.3330

 1.2288, 0.7116,
0.2884

246.8309, 0.3812,

 0.0850, 0.9323,

0.3330

0.0677

297.1428, 0.3770,
0.3329

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.8511, 0.4372,
0.3314

41.8511, 0.4372,
0.3314

34.6851, 0.4814,
0.3318

50.8566, 0.3992,
0.3309

29.2355, 0.5293,
0.3320

61.8209, 0.3680,
0.3303

25.3578, 0.5756,
0.3319

74.8483, 0.3428,
0.3298

22.8854, 0.6127,
0.3314

90.0370, 0.3226,
0.3293

■ 21.6145, 0.6343,
0.3307

100.0000, 0.3127,
0.3290

■ 21.3530, 0.6393,
0.3306

Harmonies

Analogous

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



41.8511, 0.3854, 0.2828



41.8511, 0.4372, 0.3314



41.8511, 0.4497, 0.3835

Triad

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



41.8511, 0.4372, 0.3314



41.8511, 0.2987, 0.4390



41.8511, 0.2086, 0.2263

Complementary

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



41.8511, 0.4372, 0.3314



82.8977, 0.2509, 0.3266

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.



41.8511, 0.1918, 0.2528



41.8511, 0.4372, 0.3314



41.8511, 0.2391, 0.3788

Square

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



41.8511, 0.4372, 0.3314



41.8511, 0.3656, 0.4558



41.8511, 0.2017, 0.3067



41.8511, 0.2510, 0.2249

Rectangle

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



41.8511, 0.4372, 0.3314



41.8511, 0.4348, 0.4161



41.8511, 0.2017, 0.3067



41.8511, 0.2001, 0.2321

Sweetspot

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



41.8497, 0.4372, 0.3314



77.5242, 0.3386, 0.3297



46.5397, 0.3196, 0.2185



15.9346, 0.3434, 0.3298



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.



41.8497, 0.4372, 0.3314



35.2396, 0.4773, 0.3318



63.6959, 0.4065, 0.3915



18.0359, 0.3294, 0.3295



11.1786, 0.6389, 0.3309



1.1049, 0.6361, 0.3331

Inverse Universe

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



82.8977, 0.2509, 0.3266



80.8733, 0.2423, 0.3261



51.4606, 0.2381, 0.2555



20.4259, 0.2980, 0.3286



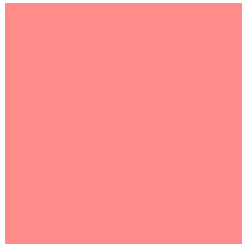
39.7544, 0.2232, 0.3236



3.8868, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 41.8511, 0.4372, 0.3314 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 41.8511, 0.4372, 0.3314 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 41.8511, 0.4372, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 41.8511, 0.4372, 0.3314.



This preview shows how white text looks on a background with the Yxy color 41.8511, 0.4372, 0.3314.

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

41.8511, 0.4372, 0.3314

Protanopia

42.0440, 0.3362, 0.3549

Deuteranopia

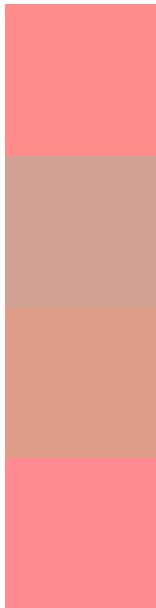
42.1683, 0.3795, 0.3726



Tritanopia

41.8952, 0.4255, 0.3189

Trichromacy



Original Color

41.8511, 0.4372, 0.3314

Protanomaly

41.0378, 0.3714, 0.3456

Deuteranomaly

41.5512, 0.4009, 0.3555

Tritanomaly

41.7696, 0.4300, 0.3231

Monochromacy



Original Color

41.8511, 0.4372, 0.3314

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1104, 0.3535, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8511, 0.4372, 0.3314 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, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 138)  
}
```

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, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 138) }
```

Border

The CSS property to change the border of an element to Yxy 41.8511, 0.4372, 0.3314 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, 140, 138) }
```

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

```
.border{ border-color:rgb(255, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8511, 0.4372, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 138) }
```

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

```
.background{ background-color: rgb(255,  
140, 138) }
```

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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