

Converting Colors

$Y_{xy}(79.3120, 0.5304, 0.3315)$

Have a look what the booklet for
Yxy(79.3120, 0.5304, 0.3315)
contains.

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Color

Yxy(42.4701, 0.4351, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E8B
RGB	255, 142, 139
RGB Percent	100%, 56%, 55%
CMY	0.0000, 0.4431, 0.4550
CMYK	0.00, 0.44, 0.46, 0.00
HSL	2°, 100%, 77%
HSV	2°, 46%, 100%
XYZ	55.5752, 42.4701, 29.6844
YIQ	175.4450, 68.3110, 23.0230

Conversions

Conversions Part 2

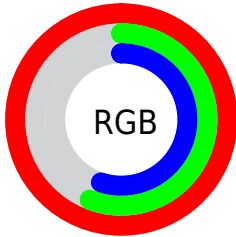
Format	Color
R _Y B	255, 142, 139
Decimal	16748171
CIE Lab	71.19, 42.27, 20.65
CIE LCh	71, 47.043, 26.038
Yxy	42.4701, 0.4351, 0.3325
Android (android.graphics.Color)	4294938251 (0xFFFF8E8B)
YUV	175.4450, -17.9674, 69.7697
Hunter-Lab	65.1691, 38.1761, 18.6119

Details

The Yxy color **42.4701, 0.4351, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.3105, 0.2510, 0.3254**, and the grayscale version is **43.1790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9983, 0.3638, 0.3343**, and **19.4681, 0.4719, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **35.2245, 0.4788, 0.3331**, and if you desaturate by 10%, it is **51.5351, 0.3976, 0.3317**.

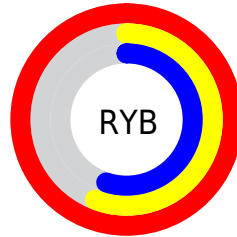
Distribution



Red (100%)

Green (56%)

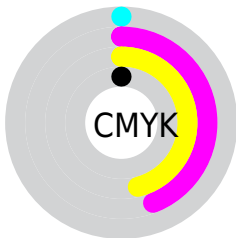
Blue (55%)



Red (100%)

Yellow (56%)

Blue (55%)

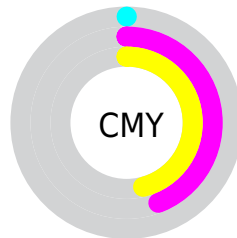


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4701, 0.4351, 0.3325 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 42.4701, 0.4351, 0.3325 by changing the saturation by 10% instead.

 42.4701, 0.4351,
0.3325


 42.4701, 0.4351,
0.3325


356.4280, 0.3724,
0.3334


 29.4696, 0.4510,
0.3314


 78.9106, 0.4121,
0.3334

 19.4363, 0.4713,
0.3295


 103.1194, 0.4035,
0.3336

 11.9860, 0.4984,
0.3262


 131.8330, 0.3963,
0.3337

 6.7341, 0.5355,
0.3198

165.4359, 0.3901,
0.3337

 3.2964, 0.5888,
0.3070

204.3125, 0.3848,
0.3336

 1.2884, 0.7054,
0.2946

248.8471, 0.3801,

 0.1322, 0.9007,

0.3335

0.0993

299.4241, 0.3760,
0.3335

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.4701, 0.4351,
0.3325

42.4701, 0.4351,
0.3325

35.2245, 0.4788,
0.3331

51.5351, 0.3976,
0.3317

29.6762, 0.5264,
0.3334

62.5316, 0.3668,
0.3309

25.6868, 0.5727,
0.3331

75.5621, 0.3419,
0.3301

23.0968, 0.6105,
0.3324

90.7218, 0.3219,
0.3294

■ 21.7123, 0.6332,
0.3312

100.0000, 0.3127,
0.3290

■ 21.4044, 0.6388,
0.3310

Harmonies

Analogous

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



42.4701, 0.3850, 0.2846



42.4701, 0.4351, 0.3325



42.4701, 0.4467, 0.3837

Triad

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



42.4701, 0.4351, 0.3325



42.4701, 0.2980, 0.4356



42.4701, 0.2111, 0.2280

Complementary

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



42.4701, 0.4351, 0.3325



82.3105, 0.2510, 0.3254

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.



42.4701, 0.1941, 0.2538



42.4701, 0.4351, 0.3325



42.4701, 0.2398, 0.3764

Square

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



42.4701, 0.4351, 0.3325



42.4701, 0.3636, 0.4532



42.4701, 0.2034, 0.3061



42.4701, 0.2533, 0.2270

Rectangle

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



42.4701, 0.4351, 0.3325



42.4701, 0.4318, 0.4155



42.4701, 0.2034, 0.3061



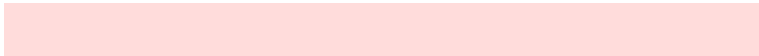
42.4701, 0.2026, 0.2337

Sweetspot

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



42.4699, 0.4351, 0.3325



77.6983, 0.3386, 0.3300



46.8140, 0.3196, 0.2193



15.9762, 0.3434, 0.3302



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.



42.4699, 0.4351, 0.3325



35.5455, 0.4765, 0.3331



63.9339, 0.4055, 0.3910



18.0629, 0.3294, 0.3297



11.2171, 0.6383, 0.3314



1.1177, 0.6339, 0.3348

Inverse Universe

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



82.3105, 0.2510, 0.3254



80.0554, 0.2420, 0.3246



51.7610, 0.2387, 0.2562



20.3953, 0.2980, 0.3283



39.0001, 0.2224, 0.3208



3.8220, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 42.4701, 0.4351, 0.3325 looks on a white background.

Color Contrast Check

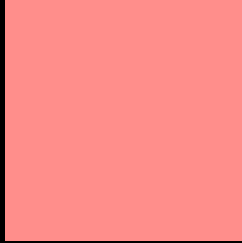
Large Text (above 18pt) WCAG AA × Fail

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 42.4701, 0.4351, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

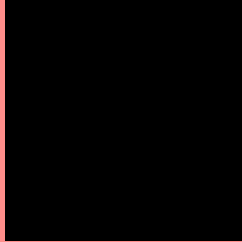
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4701, 0.4351, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 42.4701, 0.4351, 0.3325.



This preview shows how white text looks on a background with the Yxy color 42.4701, 0.4351, 0.3325.

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

42.4701, 0.4351, 0.3325

Protanopia

42.7059, 0.3370, 0.3547

Deuteranopia

42.7056, 0.3791, 0.3723



Tritanopia

42.5441, 0.4224, 0.3189

Trichromacy



Original Color

42.4701, 0.4351, 0.3325

Protanomaly

41.5659, 0.3710, 0.3455

Deuteranomaly

42.2618, 0.3990, 0.3567

Tritanomaly

42.4163, 0.4268, 0.3231

Monochromacy



Original Color

42.4701, 0.4351, 0.3325

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6404, 0.3532, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4701, 0.4351, 0.3325 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, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 139)  
}
```

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, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 139) }
```

Border

The CSS property to change the border of an element to Yxy 42.4701, 0.4351, 0.3325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

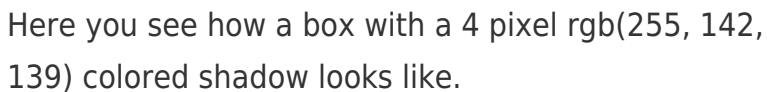
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 142, 139) }
```

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

```
.border{ border-color:rgb(255, 142, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4701, 0.4351, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 139) }
```

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

```
.background{ background-color: rgb(255,  
142, 139) }
```

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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