

Converting Colors

$Y_{xy}(46.4426, 0.4456, 0.3338)$

Have a look what the booklet for
Yxy(46.4426, 0.4456, 0.3338)
contains.

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Color

Yxy(43.4042, 0.4324, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	FF918C
RGB	255, 145, 140
RGB Percent	100%, 57%, 55%
CMY	0.0001, 0.4313, 0.4511
CMYK	0.00, 0.43, 0.45, 0.00
HSL	3°, 100%, 77%
HSV	3°, 45%, 100%
XYZ	56.0908, 43.4042, 30.2247
YIQ	177.3200, 67.1650, 21.7650

Conversions

Conversions Part 2

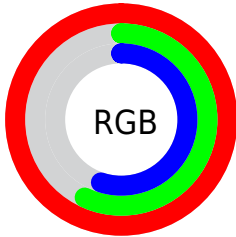
Format	Color
R _Y B	255, 145, 140
Decimal	16748940
CIE Lab	71.83, 40.82, 20.96
CIE LCh	72, 45.890, 27.181
Yxy	43.4042, 0.4324, 0.3346
Android (android.graphics.Color)	4294939020 (0xFFFF918C)
YUV	177.3200, -18.3988, 68.1254
Hunter-Lab	65.8819, 36.6788, 18.9168

Details

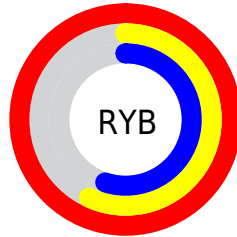
The Yxy color **43.4042, 0.4324, 0.3346** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.1198, 0.2510, 0.3231**, and the grayscale version is **44.2174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4636, 0.3614, 0.3354**, and **19.9946, 0.4679, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **36.0699, 0.4753, 0.3356**, and if you desaturate by 10%, it is **52.5156, 0.3957, 0.3334**.

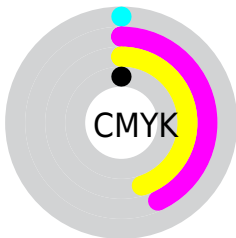
Distribution



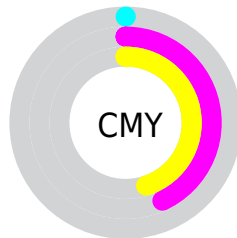
- Red (100%)
- Green (57%)
- Blue (55%)



- Red (100%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4042, 0.4324, 0.3346 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 43.4042, 0.4324, 0.3346 by changing the saturation by 10% instead.


 43.4042, 0.4324,
0.3346


 43.4042, 0.4324,
0.3346


360.2714, 0.3713,
0.3343

 30.2024, 0.4478,
0.3338


 80.3205, 0.4100,
0.3351

 19.9923, 0.4676,
0.3324


 104.8037, 0.4017,
0.3351

 12.3894, 0.4937,
0.3296


 133.8162, 0.3946,
0.3351

 7.0095, 0.5296,
0.3241

167.7423, 0.3886,
0.3349

 3.4680, 0.5809,
0.3127

206.9665, 0.3834,
0.3348

 1.3807, 0.6959,
0.3041

251.8732, 0.3788,

 0.2024, 0.8596,

0.3347

0.1404

302.8467, 0.3748,
0.3345

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4042, 0.4324,
0.3346

43.4042, 0.4324,
0.3346

36.0699, 0.4753,
0.3356

52.5156, 0.3957,
0.3334

30.3907, 0.5223,
0.3360

63.5026, 0.3654,
0.3321

26.2397, 0.5685,
0.3356

76.4643, 0.3409,
0.3308

23.4689, 0.6071,
0.3343

91.4909, 0.3212,
0.3296

■ 21.9008, 0.6313,
0.3323

99.9951, 0.3127,
0.3290

■ 21.4987, 0.6379,
0.3317

Harmonies

Analogous

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



43.4042, 0.3851, 0.2876



43.4042, 0.4324, 0.3346



43.4042, 0.4423, 0.3844

Triad

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



43.4042, 0.4324, 0.3346



43.4042, 0.2963, 0.4303



43.4042, 0.2151, 0.2304

Complementary

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



43.4042, 0.4324, 0.3346



81.1198, 0.2510, 0.3231

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.



43.4042, 0.1975, 0.2547



43.4042, 0.4324, 0.3346



43.4042, 0.2402, 0.3723

Square

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



43.4042, 0.4324, 0.3346



43.4042, 0.3600, 0.4493



43.4042, 0.2057, 0.3047



43.4042, 0.2571, 0.2301

Rectangle

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



43.4042, 0.4324, 0.3346



43.4042, 0.4271, 0.4149



43.4042, 0.2057, 0.3047



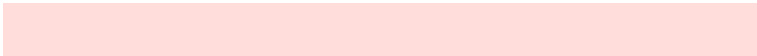
43.4042, 0.2064, 0.2357

Sweetspot

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



43.4064, 0.4324, 0.3346



78.0324, 0.3385, 0.3307



46.9796, 0.3211, 0.2217



16.0562, 0.3432, 0.3309



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.



43.4064, 0.4324, 0.3346



36.8019, 0.4703, 0.3355



65.0662, 0.4036, 0.3924



18.1147, 0.3293, 0.3301



11.2909, 0.6370, 0.3324



1.1423, 0.6299, 0.3381

Inverse Universe

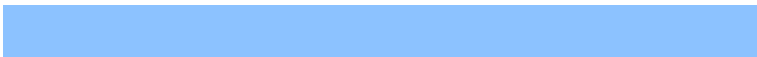
The Inverse Universe completely reimagines the original color for something new.



81.1198, 0.2510, 0.3231



78.7493, 0.2423, 0.3218



51.2176, 0.2389, 0.2545



20.3367, 0.2980, 0.3279



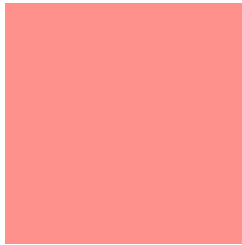
37.5823, 0.2209, 0.3152



3.6999, 0.2214, 0.3169

Previews

White Background



This preview shows how the Yxy color 43.4042, 0.4324, 0.3346 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 43.4042, 0.4324, 0.3346 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 43.4042, 0.4324, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 43.4042, 0.4324, 0.3346.



This preview shows how white text looks on a background with the Yxy color 43.4042, 0.4324, 0.3346.

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

43.4042, 0.4324, 0.3346

Protanopia

43.7315, 0.3385, 0.3571

Deuteranopia

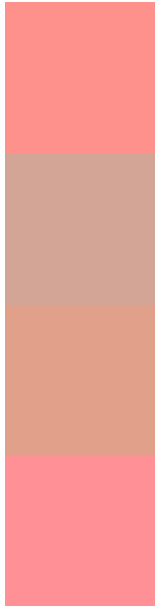
43.4189, 0.3788, 0.3707



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.4042, 0.4324, 0.3346

Protanomaly

42.8139, 0.3700, 0.3479

Deuteranomaly

42.7950, 0.3985, 0.3565

Tritanomaly

43.3764, 0.4232, 0.3241

Monochromacy



Original Color

43.4042, 0.4324, 0.3346

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5697, 0.3518, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4042, 0.4324, 0.3346 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, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 140)  
}
```

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, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 43.4042, 0.4324, 0.3346 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, 145, 140) }
```

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

```
.border{ border-color:rgb(255, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4042, 0.4324, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 140) }
```

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

```
.background{ background-color: rgb(255,  
145, 140) }
```

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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