

Converting Colors

$Y_{xy}(42.9505, 0.4355, 0.3356)$

Have a look what the booklet for
Yxy(42.9505, 0.4355, 0.3356)
contains.

Yxy(43.0415, 0.4351, 0.3356)	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(43.0415, 0.4351, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FF908A
RGB	255, 144, 138
RGB Percent	100%, 56%, 54%
CMY	0.0000, 0.4353, 0.4589
CMYK	0.00, 0.44, 0.46, 0.00
HSL	3°, 100%, 77%
HSV	3°, 46%, 100%
XYZ	55.8026, 43.0415, 29.4083
YIQ	176.5050, 68.0820, 21.6660

Conversions

Conversions Part 2

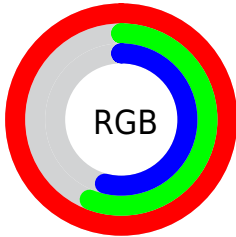
Format	Color
R_{YB}	255, 144, 138
Decimal	16748682
CIE _{Lab}	71.58, 41.16, 21.72
CIE _{LCh}	72, 46.541, 27.826
Yxy	43.0415, 0.4351, 0.3356
Android (android.graphics.Color)	4294938762 (0xFFFF908A)
YUV	176.5050, -18.9830, 68.8401
Hunter-Lab	65.6060, 37.0165, 19.3471

Details

The Yxy color **43.0415, 0.4351, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.3679, 0.2500, 0.3220**, and the grayscale version is **43.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8684, 0.3641, 0.3375**, and **19.7889, 0.4717, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **35.8287, 0.4782, 0.3367**, and if you desaturate by 10%, it is **51.9986, 0.3981, 0.3342**.

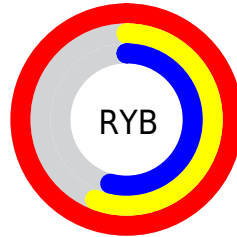
Distribution



Red (100%)

Green (56%)

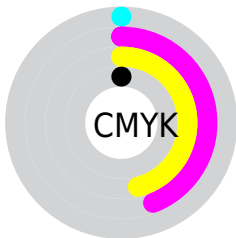
Blue (54%)



Red (100%)

Yellow (56%)

Blue (54%)

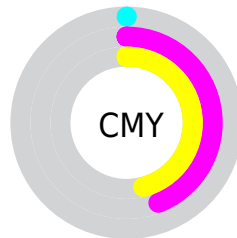


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0415, 0.4351, 0.3356 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 43.0415, 0.4351, 0.3356 by changing the saturation by 10% instead.


 43.0415, 0.4351,
0.3356


 43.0415, 0.4351,
0.3356


358.7824, 0.3726,
0.3350

 29.9177, 0.4509,
0.3349


 79.7735, 0.4122,
0.3360

 19.7761, 0.4711,
0.3334


 104.1504, 0.4036,
0.3360

 12.2324, 0.4979,
0.3306


 133.0472, 0.3964,
0.3359

 6.9022, 0.5345,
0.3249

166.8482, 0.3903,
0.3357

 3.4010, 0.5868,
0.3130

205.9378, 0.3849,
0.3355

 1.3445, 0.6987,
0.3013

250.7005, 0.3803,

 0.1753, 0.8740,

0.3354

0.1260

301.5205, 0.3762,
0.3352

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.0415, 0.4351,
0.3356

43.0415, 0.4351,
0.3356

35.8287, 0.4782,
0.3367

51.9986, 0.3981,
0.3342

30.2450, 0.5250,
0.3371

62.8015, 0.3674,
0.3327

26.1639, 0.5709,
0.3366

75.5463, 0.3426,
0.3312

23.4397, 0.6086,
0.3350

90.3215, 0.3226,
0.3298

■ 21.8978, 0.6319,
0.3326

100.0000, 0.3127,
0.3290

■ 21.5504, 0.6375,
0.3320

Harmonies

Analogous

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



43.0415, 0.3877, 0.2878



43.0415, 0.4351, 0.3356



43.0415, 0.4441, 0.3861

Triad

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



43.0415, 0.4351, 0.3356



43.0415, 0.2945, 0.4313



43.0415, 0.2143, 0.2286

Complementary

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



43.0415, 0.4351, 0.3356



80.3679, 0.2500, 0.3220

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.



43.0415, 0.1959, 0.2527



43.0415, 0.4351, 0.3356



43.0415, 0.2380, 0.3715

Square

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



43.0415, 0.4351, 0.3356



43.0415, 0.3592, 0.4515



43.0415, 0.2036, 0.3029



43.0415, 0.2574, 0.2289

Rectangle

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



43.0415, 0.4351, 0.3356



43.0415, 0.4281, 0.4170



43.0415, 0.2036, 0.3029



43.0415, 0.2053, 0.2338

Sweetspot

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



43.0421, 0.4351, 0.3356



78.1738, 0.3385, 0.3309



46.2838, 0.3229, 0.2216



16.0900, 0.3432, 0.3312



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.



43.0421, 0.4351, 0.3356



36.3998, 0.4741, 0.3366



65.4987, 0.4046, 0.3953



18.1366, 0.3293, 0.3303



11.3221, 0.6365, 0.3328



1.1527, 0.6282, 0.3394

Inverse Universe

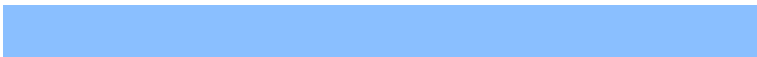
The Inverse Universe completely reimagines the original color for something new.



80.3679, 0.2500, 0.3220



77.8575, 0.2411, 0.3204



49.7300, 0.2372, 0.2505



20.3121, 0.2980, 0.3277



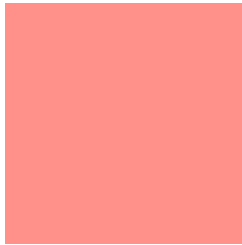
36.9942, 0.2203, 0.3129



3.6491, 0.2208, 0.3148

Previews

White Background



This preview shows how the Yxy color 43.0415, 0.4351, 0.3356 looks on a white background.

Color Contrast Check

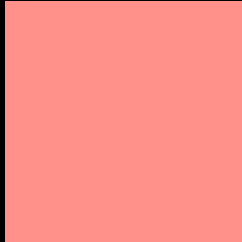
Large Text (above 18pt) WCAG AA × Fail

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 43.0415, 0.4351, 0.3356 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 43.0415, 0.4351, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 43.0415, 0.4351, 0.3356.



This preview shows how white text looks on a background with the Yxy color 43.0415, 0.4351, 0.3356.

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

43.0415, 0.4351, 0.3356

Protanopia

43.1502, 0.3395, 0.3587

Deuteranopia

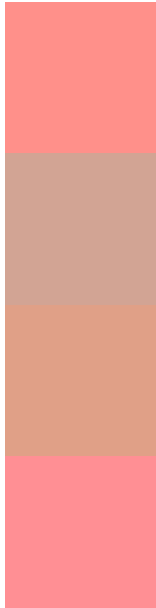
43.3626, 0.3806, 0.3732



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.0415, 0.4351, 0.3356

Protanomaly

42.3907, 0.3723, 0.3492

Deuteranomaly

42.7382, 0.4004, 0.3589

Tritanomaly

43.0430, 0.4247, 0.3241

Monochromacy



Original Color

43.0415, 0.4351, 0.3356

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5337, 0.3528, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0415, 0.4351, 0.3356 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, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 138) }
```

Border

The CSS property to change the border of an element to Yxy 43.0415, 0.4351, 0.3356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

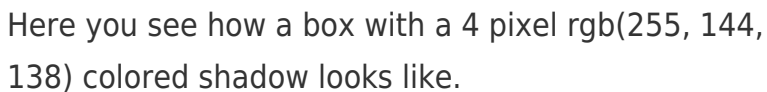
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 144, 138) }
```

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

```
.border{ border-color:rgb(255, 144, 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, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 144, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 144, 138); box-shadow:4px 4px 4px 4px rgb(255, 144, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0415, 0.4351, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 138) }
```

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

```
.background{ background-color: rgb(255,  
144, 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](#).

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