

Converting Colors

$Y_{xy}(42.6939, 0.4357, 0.3344)$

Have a look what the booklet for
Yxy(42.6939, 0.4357, 0.3344)
contains.

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Color

Yxy(42.7399, 0.4356, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F8A
RGB	255, 143, 138
RGB Percent	100%, 56%, 54%
CMY	0.0001, 0.4391, 0.4589
CMYK	0.00, 0.44, 0.46, 0.00
HSL	3°, 100%, 77%
HSV	3°, 46%, 100%
XYZ	55.6411, 42.7399, 29.3533
YIQ	175.9180, 68.3570, 22.1890

Conversions

Conversions Part 2

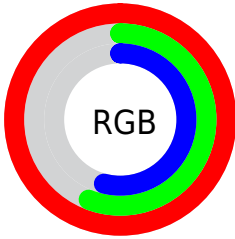
Format	Color
R _Y B	255, 143, 138
Decimal	16748426
CIE Lab	71.38, 41.64, 21.45
CIE LCh	71, 46.840, 27.257
Yxy	42.7399, 0.4356, 0.3346
Android (android.graphics.Color)	4294938506 (0xFFFF8F8A)
YUV	175.9180, -18.6936, 69.3549
Hunter-Lab	65.3758, 37.5131, 19.1422

Details

The Yxy color **42.7399, 0.4356, 0.3346** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.9437, 0.2502, 0.3231**, and the grayscale version is **43.4456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4098, 0.3643, 0.3364**, and **19.6190, 0.4726, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **35.5410, 0.4789, 0.3355**, and if you desaturate by 10%, it is **51.7092, 0.3984, 0.3334**.

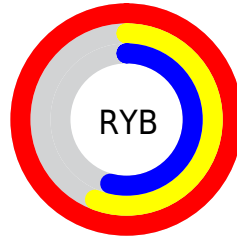
Distribution



Red (100%)

Green (56%)

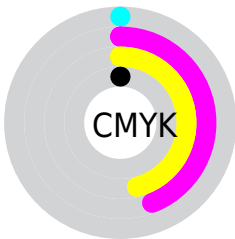
Blue (54%)



Red (100%)

Yellow (56%)

Blue (54%)

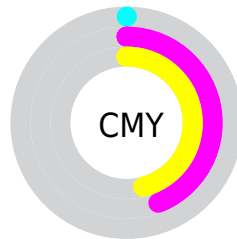


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7399, 0.4356, 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 42.7399, 0.4356, 0.3346 by changing the saturation by 10% instead.

 42.7399, 0.4356,
0.3346

 42.7399, 0.4356,
0.3346


357.5410, 0.3727,
0.3345

 29.6811, 0.4515,
0.3337


 79.3182, 0.4126,
0.3352

 19.5967, 0.4719,
0.3321


 103.6065, 0.4040,
0.3352

 12.1022, 0.4988,
0.3291


 132.4067, 0.3967,
0.3352

 6.8133, 0.5358,
0.3231

166.1033, 0.3905,
0.3351

 3.3456, 0.5887,
0.3108

205.0807, 0.3851,
0.3349

 1.3147, 0.7018,
0.2982

249.7231, 0.3805,

 0.1526, 0.8875,

0.3348

0.1125

300.4151, 0.3764,
0.3346

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.7399, 0.4356,
0.3346

42.7399, 0.4356,
0.3346

35.5410, 0.4789,
0.3355

51.7092, 0.3984,
0.3334

29.9894, 0.5261,
0.3359

62.5484, 0.3676,
0.3321

25.9567, 0.5720,
0.3354

75.3574, 0.3426,
0.3309

23.2924, 0.6096,
0.3341

90.2270, 0.3226,
0.3297

■ 21.8156, 0.6326,
0.3321

99.9947, 0.3127,
0.3290

■ 21.4941, 0.6380,
0.3316

Harmonies

Analogous

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



42.7399, 0.3871, 0.2866



42.7399, 0.4356, 0.3346



42.7399, 0.4454, 0.3855

Triad

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



42.7399, 0.4356, 0.3346



42.7399, 0.2955, 0.4331



42.7399, 0.2129, 0.2281

Complementary

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



42.7399, 0.4356, 0.3346



80.9437, 0.2502, 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.



42.7399, 0.1949, 0.2527



42.7399, 0.4356, 0.3346



42.7399, 0.2383, 0.3732

Square

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



42.7399, 0.4356, 0.3346



42.7399, 0.3607, 0.4526



42.7399, 0.2031, 0.3038



42.7399, 0.2559, 0.2280

Rectangle

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



42.7399, 0.4356, 0.3346



42.7399, 0.4297, 0.4168



42.7399, 0.2031, 0.3038



42.7399, 0.2041, 0.2334

Sweetspot

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



42.7421, 0.4356, 0.3346



78.0189, 0.3385, 0.3306



46.3952, 0.3213, 0.2200



16.0529, 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.



42.7421, 0.4356, 0.3346



36.1186, 0.4749, 0.3354



64.5717, 0.4055, 0.3934



18.1126, 0.3293, 0.3301



11.2879, 0.6371, 0.3323



1.1413, 0.6301, 0.3379

Inverse Universe

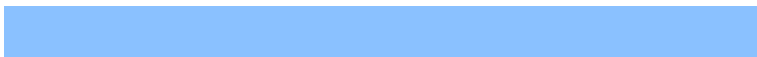
The Inverse Universe completely reimagines the original color for something new.



80.9437, 0.2502, 0.3231



78.5674, 0.2414, 0.3218



50.5723, 0.2376, 0.2530



20.3391, 0.2980, 0.3279



37.6387, 0.2210, 0.3155



3.7047, 0.2214, 0.3171

Previews

White Background



This preview shows how the Yxy color 42.7399, 0.4356, 0.3346 looks on a white background.

Color Contrast Check

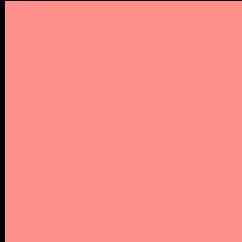
Large Text (above 18pt) WCAG AA × Fail

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 42.7399, 0.4356, 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 42.7399, 0.4356, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 42.7399, 0.4356, 0.3346.



This preview shows how white text looks on a background with the Yxy color 42.7399, 0.4356, 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

42.7399, 0.4356, 0.3346

Protanopia

43.0271, 0.3386, 0.3587

Deuteranopia

42.8483, 0.3801, 0.3722



Tritanopia

42.8730, 0.4208, 0.3189

Trichromacy



Original Color

42.7399, 0.4356, 0.3346

Protanomaly

41.8878, 0.3717, 0.3480

Deuteranomaly

42.3928, 0.4009, 0.3577

Tritanomaly

42.7126, 0.4263, 0.3241

Monochromacy



Original Color

42.7399, 0.4356, 0.3346

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1387, 0.3540, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7399, 0.4356, 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, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 138) }
```

Border

The CSS property to change the border of an element to Yxy 42.7399, 0.4356, 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, 143, 138) }
```

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

```
.border{ border-color:rgb(255, 143, 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, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7399, 0.4356, 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, 143, 138) }
```

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

```
.background{ background-color: rgb(255,  
143, 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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