

Converting Colors

Yxy(51.3924, 0.4621, 0.3340)

Have a look what the booklet for
Yxy(51.3924, 0.4621, 0.3340)
contains.

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Color

Yxy(43.7409, 0.4308, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	FF928D
RGB	255, 146, 141
RGB Percent	100%, 57%, 55%
CMY	0.0001, 0.4273, 0.4471
CMYK	0.00, 0.43, 0.45, 0.00
HSL	3°, 100%, 78%
HSV	3°, 45%, 100%
XYZ	56.3167, 43.7409, 30.6683
YIQ	178.0210, 66.5690, 21.5530

Conversions

Conversions Part 2

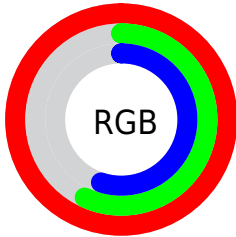
Format	Color
R _Y B	255, 146, 141
Decimal	16749197
CIE Lab	72.05, 40.41, 20.72
CIE LCh	72, 45.410, 27.145
Yxy	43.7409, 0.4308, 0.3346
Android (android.graphics.Color)	4294939277 (0xFFFF928D)
YUV	178.0210, -18.2514, 67.5106
Hunter-Lab	66.1369, 36.2563, 18.8025

Details

The Yxy color **43.7409, 0.4308, 0.3346** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.2036, 0.2514, 0.3231**, and the grayscale version is **44.6068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9734, 0.3604, 0.3353**, and **20.1861, 0.4656, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **36.3386, 0.4735, 0.3356**, and if you desaturate by 10%, it is **52.9235, 0.3944, 0.3334**.

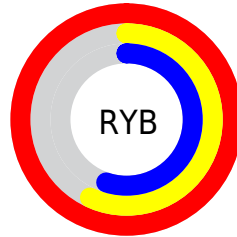
Distribution



Red (100%)

Green (57%)

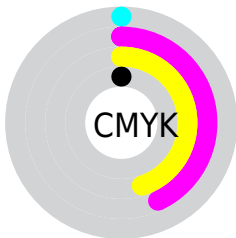
Blue (55%)



Red (100%)

Yellow (57%)

Blue (55%)

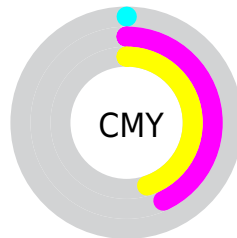


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7409, 0.4308, 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 43.7409, 0.4308, 0.3346 by changing the saturation by 10% instead.


 43.7409, 0.4308,
0.3346

 43.7409, 0.4308,
0.3346


361.6499, 0.3706,
0.3343


 30.4669, 0.4460,
0.3339


 80.8277, 0.4088,
0.3351

 20.1932, 0.4654,
0.3325


 105.4093, 0.4005,
0.3351

 12.5356, 0.4911,
0.3298


 134.5288, 0.3936,
0.3350

 7.1095, 0.5265,
0.3245

168.5707, 0.3876,
0.3349

 3.5307, 0.5770,
0.3136

207.9194, 0.3825,
0.3347

 1.4147, 0.6923,
0.3067

252.9592, 0.3780,

 0.2275, 0.8467,

0.3346

0.1533

304.0746, 0.3741,
0.3344

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.7409, 0.4308,
0.3346

43.7409, 0.4308,
0.3346

36.3386, 0.4735,
0.3356

52.9235, 0.3944,
0.3334

30.5951, 0.5203,
0.3360

63.9842, 0.3643,
0.3320

26.3845, 0.5667,
0.3357

77.0219, 0.3400,
0.3308

23.5597, 0.6057,
0.3344

92.1264, 0.3205,
0.3295

■ 21.9450, 0.6306,
0.3324

99.9937, 0.3127,
0.3290

■ 21.4995, 0.6379,
0.3317

Harmonies

Analogous

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



43.7409, 0.3841, 0.2880



43.7409, 0.4308, 0.3346



43.7409, 0.4406, 0.3839

Triad

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



43.7409, 0.4308, 0.3346



43.7409, 0.2966, 0.4288



43.7409, 0.2162, 0.2315

Complementary

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



43.7409, 0.4308, 0.3346



81.2036, 0.2514, 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.



43.7409, 0.1987, 0.2557



43.7409, 0.4308, 0.3346



43.7409, 0.2412, 0.3718

Square

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



43.7409, 0.4308, 0.3346



43.7409, 0.3596, 0.4477



43.7409, 0.2070, 0.3052



43.7409, 0.2578, 0.2312

Rectangle

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



43.7409, 0.4308, 0.3346



43.7409, 0.4258, 0.4140



43.7409, 0.2070, 0.3052



43.7409, 0.2076, 0.2368

Sweetspot

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



43.7431, 0.4308, 0.3346



79.4705, 0.3364, 0.3305



47.2751, 0.3210, 0.2226



16.3398, 0.3411, 0.3308



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.



43.7431, 0.4308, 0.3346



36.8147, 0.4703, 0.3355



65.3124, 0.4026, 0.3918



18.1158, 0.3293, 0.3301



11.2925, 0.6370, 0.3324



1.1428, 0.6298, 0.3381

Inverse Universe

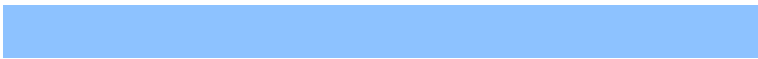
The Inverse Universe completely reimagines the original color for something new.



81.2036, 0.2514, 0.3231



78.7174, 0.2423, 0.3217



51.5420, 0.2395, 0.2553



20.3355, 0.2980, 0.3279



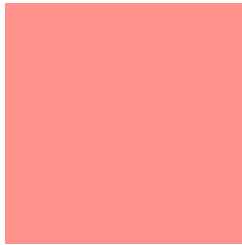
37.5527, 0.2209, 0.3151



3.6973, 0.2213, 0.3168

Previews

White Background



This preview shows how the Yxy color 43.7409, 0.4308, 0.3346 looks on a white background.

Color Contrast Check

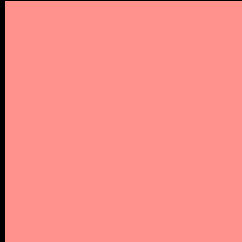
Large Text (above 18pt) WCAG AA × Fail

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 43.7409, 0.4308, 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 43.7409, 0.4308, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 43.7409, 0.4308, 0.3346.



This preview shows how white text looks on a background with the Yxy color 43.7409, 0.4308, 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

43.7409, 0.4308, 0.3346

Protanopia

44.1589, 0.3374, 0.3571

Deuteranopia

43.9655, 0.3784, 0.3705



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.7409, 0.4308, 0.3346

Protanomaly

43.2084, 0.3687, 0.3479

Deuteranomaly

43.3323, 0.3980, 0.3564

Tritanomaly

43.7128, 0.4216, 0.3241

Monochromacy



Original Color

43.7409, 0.4308, 0.3346

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.1109, 0.3516, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7409, 0.4308, 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, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 141)  
}
```

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, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 141) }
```

Border

The CSS property to change the border of an element to Yxy 43.7409, 0.4308, 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, 146, 141) }
```

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

```
.border{ border-color:rgb(255, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7409, 0.4308, 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, 146, 141) }
```

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

```
.background{ background-color: rgb(255,  
146, 141) }
```

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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