

Converting Colors

Yxy(39.6428, 0.4381, 0.3200)

Have a look what the booklet for
Yxy(39.6428, 0.4381, 0.3200)
contains.

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Color

Yxy(39.6856, 0.4380, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	FF848D
RGB	255, 132, 141
RGB Percent	100%, 52%, 55%
CMY	0.0000, 0.4824, 0.4471
CMYK	0.00, 0.48, 0.45, 0.00
HSL	356°, 100%, 76%
HSV	356°, 48%, 100%
XYZ	54.3027, 39.6856, 29.9905
YIQ	169.8030, 70.4190, 28.8750

Conversions

Conversions Part 2

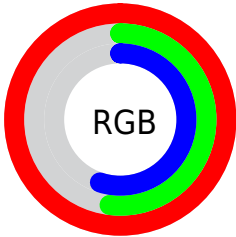
Format	Color
RYB	255, 132, 141
Decimal	16745613
CIELab	69.25, 47.45, 16.85
CIELCh	69, 50.354, 19.545
Yxy	39.6856, 0.4380, 0.3201
Android (android.graphics.Color)	4294935693 (0xFFFF848D)
YUV	169.8030, -14.1999, 74.7178
Hunter-Lab	62.9965, 43.6223, 15.8716

Details

The Yxy color **39.6856, 0.4380, 0.3201** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0800, 0.2527, 0.3392**, and the grayscale version is **40.1383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7408, 0.3637, 0.3208**, and **17.6734, 0.4760, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **32.9634, 0.4808, 0.3190**, and if you desaturate by 10%, it is **48.2454, 0.4011, 0.3218**.

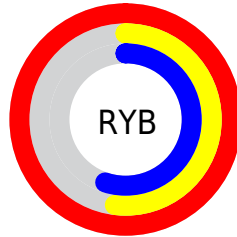
Distribution



Red (100%)

Green (52%)

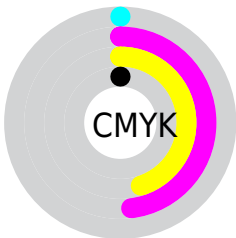
Blue (55%)



Red (100%)

Yellow (52%)

Blue (55%)

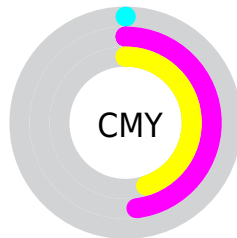


Cyan (0%)

Magenta (48%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6856, 0.4380, 0.3201 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 39.6856, 0.4380, 0.3201 by changing the saturation by 10% instead.


 39.6856, 0.4380,
0.3201


 39.6856, 0.4380,
0.3201


344.7966, 0.3732,
0.3270

 27.2935, 0.4546,
0.3176


 74.6845, 0.4141,
0.3232

 17.7938, 0.4762,
0.3138


 98.0601, 0.4052,
0.3242

 10.8020, 0.5050,
0.3080


 125.8657, 0.3977,
0.3250

 5.9339, 0.5451,
0.2984

158.4856, 0.3913,
0.3256

 2.8049, 0.6036,
0.2809

196.3043, 0.3859,
0.3261

 1.0307, 0.7379,
0.2621

239.7060, 0.3811,


 0.0000, 1.0000,

0.3264

0.0000


289.0754, 0.3769,
0.3268

 0.0000, 0.0000,
0.0000


 39.6856, 0.4380,
0.3201


 39.6856, 0.4380,
0.3201


 32.9634, 0.4808,
0.3190


 48.2454, 0.4011,
0.3218


 27.9474, 0.5272,
0.3190


 58.7678, 0.3705,
0.3237

 24.4830, 0.5721,
0.3203


 71.3628, 0.3458,
0.3256

 22.3891, 0.6088,
0.3230

 86.1330, 0.3260,
0.3275

 21.4187, 0.6316,
0.3265

100.0000, 0.3127,
0.3290

 21.3058, 0.6343,
0.3268

Harmonies

Analogous

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



39.6856, 0.3760, 0.2707



39.6856, 0.4380, 0.3201



39.6856, 0.4601, 0.3749

Triad

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



39.6856, 0.4380, 0.3201



39.6856, 0.3112, 0.4555



39.6856, 0.1966, 0.2231

Complementary

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



39.6856, 0.4380, 0.3201



83.0800, 0.2527, 0.3392

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.



39.6856, 0.1843, 0.2564



39.6856, 0.4380, 0.3201



39.6856, 0.2449, 0.3978

Square

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



39.6856, 0.4380, 0.3201



39.6856, 0.3816, 0.4622



39.6856, 0.2002, 0.3189



39.6856, 0.2360, 0.2170

Rectangle

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



39.6856, 0.4380, 0.3201



39.6856, 0.4492, 0.4108



39.6856, 0.2002, 0.3189



39.6856, 0.1894, 0.2309

Sweetspot

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



39.6844, 0.4380, 0.3201



77.3487, 0.3369, 0.3265



43.0893, 0.3093, 0.2086



15.8927, 0.3413, 0.3260



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.



39.6844, 0.4380, 0.3201



33.1020, 0.4797, 0.3191



56.8954, 0.4193, 0.3823



18.0086, 0.3283, 0.3273



11.1404, 0.6325, 0.3258



1.0918, 0.6159, 0.3167

Inverse Universe

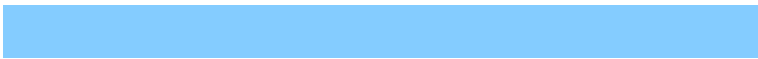
The Inverse Universe completely reimagines the original color for something new.



39.6844, 0.4380, 0.3201



33.1020, 0.4797, 0.3191



55.1918, 0.2372, 0.2667



18.0086, 0.3283, 0.3273



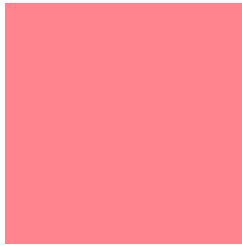
11.1404, 0.6325, 0.3258



1.0918, 0.6159, 0.3167

Previews

White Background



This preview shows how the Yxy color 39.6856, 0.4380, 0.3201 looks on a white background.

Color Contrast Check

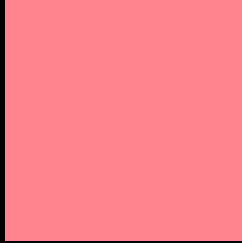
Large Text (above 18pt) WCAG AA × Fail

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 39.6856, 0.4380, 0.3201 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 39.6856, 0.4380, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 39.6856, 0.4380, 0.3201.



This preview shows how white text looks on a background with the Yxy color 39.6856, 0.4380, 0.3201.

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

39.6856, 0.4380, 0.3201

Protanopia

40.0280, 0.3260, 0.3415

Deuteranopia

39.8423, 0.3713, 0.3647



Tritanopia

39.6856, 0.4380, 0.3201

Trichromacy



Original Color

39.6856, 0.4380, 0.3201



Protanomaly

38.9142, 0.3640, 0.3330



Deuteranomaly

39.1969, 0.3952, 0.3463



Tritanomaly

39.6856, 0.4380, 0.3201

Monochromacy



Original Color

39.6856, 0.4380, 0.3201



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.6976, 0.3550, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6856, 0.4380, 0.3201 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, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 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, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 141) }
```

Border

The CSS property to change the border of an element to Yxy 39.6856, 0.4380, 0.3201 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, 132, 141) }
```

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

```
.border{ border-color:rgb(255, 132, 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, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6856, 0.4380, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 141) }
```

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

```
.background{ background-color: rgb(255,  
132, 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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