

Converting Colors

Yxy(39.6792, 0.4444, 0.3268)

Have a look what the booklet for
Yxy(39.6792, 0.4444, 0.3268)
contains.

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Color

Yxy(39.7843, 0.4443, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	FF8587
RGB	255, 133, 135
RGB Percent	100%, 52%, 53%
CMY	0.0000, 0.4785, 0.4705
CMYK	0.00, 0.48, 0.47, 0.00
HSL	359°, 100%, 76%
HSV	359°, 48%, 100%
XYZ	54.0060, 39.7843, 27.7627
YIQ	169.7060, 72.0700, 26.4860

Conversions

Conversions Part 2

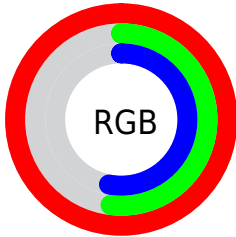
Format	Color
R _Y B	255, 133, 135
Decimal	16745863
CIE Lab	69.32, 46.39, 20.27
CIE LCh	69, 50.628, 23.605
Yxy	39.7843, 0.4443, 0.3273
Android (android.graphics.Color)	4294935943 (0xFFFF8587)
YUV	169.7060, -17.1101, 74.8028
Hunter-Lab	63.0748, 42.4547, 18.0555

Details

The Yxy color **39.7843, 0.4443, 0.3273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5962, 0.2502, 0.3311**, and the grayscale version is **40.1033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8573, 0.3694, 0.3292**, and **17.8625, 0.4843, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **33.0035, 0.4894, 0.3272**, and if you desaturate by 10%, it is **48.4245, 0.4053, 0.3276**.

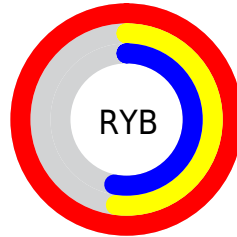
Distribution



Red (100%)

Green (52%)

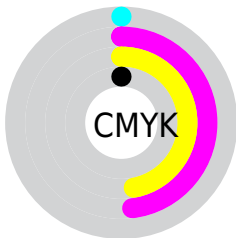
Blue (53%)



Red (100%)

Yellow (52%)

Blue (53%)

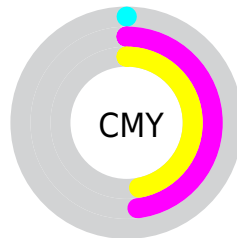


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7843, 0.4443, 0.3273 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 39.7843, 0.4443, 0.3273 by changing the saturation by 10% instead.


 39.7843, 0.4443,
0.3273


 39.7843, 0.4443,
0.3273


345.2136, 0.3762,
0.3311

 27.3704, 0.4617,
0.3254


 74.8349, 0.4192,
0.3294

 17.8516, 0.4842,
0.3223


 98.2405, 0.4099,
0.3299

 10.8435, 0.5141,
0.3173


 126.0787, 0.4020,
0.3303

 5.9617, 0.5554,
0.3083

158.7340, 0.3953,
0.3306

 2.8218, 0.6148,
0.2912

196.5907, 0.3896,
0.3308

 1.0394, 0.7334,
0.2666

240.0333, 0.3846,

 0.0000, 1.0000,

0.3309


0.0000


289.4461, 0.3801,
0.3310

 0.0000, 0.0000,
0.0000

 39.7843, 0.4443,
0.3273


 39.7843, 0.4443,
0.3273


 33.0035, 0.4894,
0.3272


 48.4245, 0.4053,
0.3276


 27.9477, 0.5375,
0.3273

 59.0491, 0.3730,
0.3279

 24.4607, 0.5828,
0.3278

 71.7699, 0.3469,
0.3283

 22.3594, 0.6176,
0.3285

 86.6909, 0.3261,
0.3287

 21.4004, 0.6364,
0.3293

100.0000, 0.3127,
0.3290

 21.2693, 0.6389,
0.3293

Harmonies

Analogous

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



39.7843, 0.3862, 0.2766



39.7843, 0.4443, 0.3273



39.7843, 0.4601, 0.3825

Triad

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



39.7843, 0.4443, 0.3273



39.7843, 0.3014, 0.4511



39.7843, 0.1999, 0.2203

Complementary

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



39.7843, 0.4443, 0.3273



83.5962, 0.2502, 0.3311

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.



39.7843, 0.1838, 0.2498



39.7843, 0.4443, 0.3273



39.7843, 0.2370, 0.3877

Square

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



39.7843, 0.4443, 0.3273



39.7843, 0.3727, 0.4649



39.7843, 0.1959, 0.3088



39.7843, 0.2430, 0.2176

Rectangle

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



39.7843, 0.4443, 0.3273



39.7843, 0.4453, 0.4179



39.7843, 0.1959, 0.3088



39.7843, 0.1915, 0.2269

Sweetspot

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



39.7836, 0.4443, 0.3273



77.2414, 0.3383, 0.3285



44.8701, 0.3164, 0.2121



15.8670, 0.3430, 0.3284



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.



39.7836, 0.4443, 0.3273



33.5078, 0.4854, 0.3272



60.6368, 0.4137, 0.3901



17.9920, 0.3292, 0.3287



11.1158, 0.6384, 0.3290



1.0839, 0.6344, 0.3268

Inverse Universe

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



39.7836, 0.4443, 0.3273



33.5078, 0.4854, 0.3272



51.6999, 0.2359, 0.2569



17.9920, 0.3292, 0.3287



11.1158, 0.6384, 0.3290



1.0839, 0.6344, 0.3268

Previews

White Background



This preview shows how the Yxy color 39.7843, 0.4443, 0.3273 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 39.7843, 0.4443, 0.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

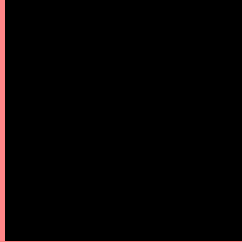
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7843, 0.4443, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 39.7843, 0.4443, 0.3273.



This preview shows how white text looks on a background with the Yxy color 39.7843, 0.4443, 0.3273.

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

39.7843, 0.4443, 0.3273

Protanopia

40.0230, 0.3341, 0.3512

Deuteranopia

39.9482, 0.3791, 0.3723



Tritanopia

39.7155, 0.4368, 0.3191

Trichromacy



Original Color

39.7843, 0.4443, 0.3273

Protanomaly

38.8314, 0.3721, 0.3420

Deuteranomaly

39.1825, 0.4025, 0.3535

Tritanomaly

39.6266, 0.4403, 0.3222

Monochromacy



Original Color

39.7843, 0.4443, 0.3273

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9658, 0.3567, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7843, 0.4443, 0.3273 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, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 135)  
}
```

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, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 135) }
```

Border

The CSS property to change the border of an element to Yxy 39.7843, 0.4443, 0.3273 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, 133, 135) }
```

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

```
.border{ border-color:rgb(255, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7843, 0.4443, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 135) }
```

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

```
.background{ background-color: rgb(255,  
133, 135) }
```

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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