

Converting Colors

$Y_{xy}(39.7092, 0.4312, 0.3173)$

Have a look what the booklet for
Yxy(39.7092, 0.4312, 0.3173)
contains.

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Color

Yxy(39.7020, 0.4310, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	FD8591
RGB	253, 133, 145
RGB Percent	99%, 52%, 57%
CMY	0.0077, 0.4785, 0.4314
CMYK	0.00, 0.47, 0.43, 0.01
HSL	354°, 97%, 76%
HSV	354°, 47%, 99%
XYZ	54.0138, 39.7020, 31.6062
YIQ	170.2480, 67.6680, 29.1720

Conversions

Conversions Part 2

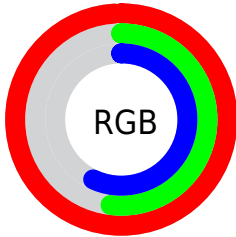
Format	Color
RYB	253, 133, 145
Decimal	16614801
CIELab	69.26, 46.66, 14.57
CIELCh	69, 48.887, 17.340
Yxy	39.7020, 0.4310, 0.3168
Android (android.graphics.Color)	4294804881 (0xFFFD8591)
YUV	170.2480, -12.4473, 72.5735
Hunter-Lab	63.0095, 42.7492, 14.3662

Details

The Yxy color **39.7020, 0.4310, 0.3168** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.6042, 0.2549, 0.3428**, and the grayscale version is **40.3667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3500, 0.3601, 0.3177**, and **17.9010, 0.4667, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **32.9576, 0.4721, 0.3151**, and if you desaturate by 10%, it is **48.2596, 0.3958, 0.3192**.

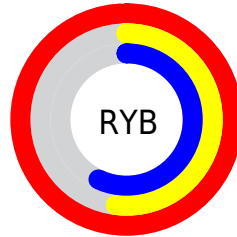
Distribution



Red (99%)

Green (52%)

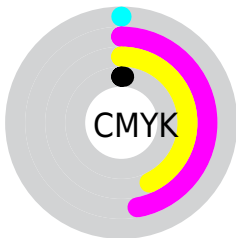
Blue (57%)



Red (99%)

Yellow (52%)

Blue (57%)

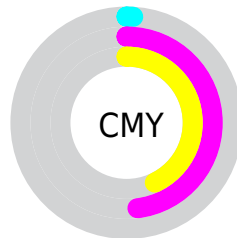


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7020, 0.4310, 0.3168 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 39.7020, 0.4310, 0.3168 by changing the saturation by 10% instead.


 39.7020, 0.4310,
0.3168


 39.7020, 0.4310,
0.3168


344.8659, 0.3698,
0.3250


 27.3063, 0.4467,
0.3141


 74.7095, 0.4084,
0.3203

 17.8034, 0.4671,
0.3101


 98.0901, 0.4000,
0.3215

 10.8089, 0.4945,
0.3042


 125.9011, 0.3929,
0.3224

 5.9385, 0.5329,
0.2946

158.5269, 0.3869,
0.3231

 2.8077, 0.5894,
0.2777

196.3519, 0.3818,
0.3237

 1.0322, 0.7170,
0.2587

239.7604, 0.3773,


 0.0000, 1.0000,


0.3243

0.0000

289.1370, 0.3733,
0.3247


 0.0000, 0.0000,
0.0000

 39.7020, 0.4310,
0.3168


 39.7020, 0.4310,
0.3168

 32.9576, 0.4721,
0.3151


 48.2596, 0.3958,
0.3192


 27.8899, 0.5173,
0.3147


 58.7417, 0.3667,
0.3219

 24.3534, 0.5622,
0.3161


 71.2578, 0.3432,
0.3246

 22.1743, 0.6005,
0.3194

 85.9077, 0.3243,
0.3272

 21.1279, 0.6264,
0.3241

99.6276, 0.3115,
0.3290

 20.9592, 0.6310,
0.3250

Harmonies

Analogous

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



39.7020, 0.3689, 0.2692



39.7020, 0.4310, 0.3168



39.7020, 0.4559, 0.3703

Triad

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



39.7020, 0.4310, 0.3168



39.7020, 0.3167, 0.4537



39.7020, 0.1977, 0.2273

Complementary

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



39.7020, 0.4310, 0.3168



81.6042, 0.2549, 0.3428

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.



39.7020, 0.1877, 0.2621



39.7020, 0.4310, 0.3168



39.7020, 0.2511, 0.4010

Square

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



39.7020, 0.4310, 0.3168



39.7020, 0.3847, 0.4570



39.7020, 0.2055, 0.3249



39.7020, 0.2343, 0.2194

Rectangle

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



39.7020, 0.4310, 0.3168



39.7020, 0.4476, 0.4054



39.7020, 0.2055, 0.3249



39.7020, 0.1913, 0.2357

Sweetspot

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



39.7040, 0.4310, 0.3168



77.4006, 0.3362, 0.3255



42.2200, 0.3059, 0.2092



15.9051, 0.3405, 0.3249



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.



39.7040, 0.4310, 0.3168



33.7968, 0.4703, 0.3152



54.8222, 0.4191, 0.3774



18.0166, 0.3279, 0.3267



11.1563, 0.6288, 0.3238



1.0956, 0.6075, 0.3120

Inverse Universe

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



39.7040, 0.4310, 0.3168



33.7968, 0.4703, 0.3152



56.7105, 0.2394, 0.2730



18.0166, 0.3279, 0.3267



11.1563, 0.6288, 0.3238



1.0956, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 39.7020, 0.4310, 0.3168 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 39.7020, 0.4310, 0.3168 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 39.7020, 0.4310, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 39.7020, 0.4310, 0.3168.



This preview shows how white text looks on a background with the Yxy color 39.7020, 0.4310, 0.3168.

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

39.7020, 0.4310, 0.3168

Protanopia

40.0549, 0.3216, 0.3359

Deuteranopia

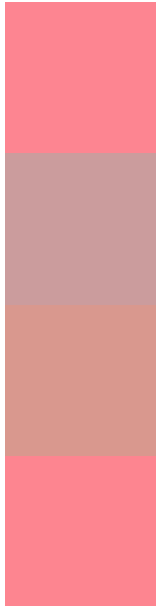
39.8236, 0.3665, 0.3595



Tritanopia

39.6409, 0.4333, 0.3189

Trichromacy



Original Color

39.7020, 0.4310, 0.3168

Protanomaly

38.9078, 0.3590, 0.3279

Deuteranomaly

39.1612, 0.3900, 0.3415

Tritanomaly

39.6713, 0.4321, 0.3179

Monochromacy



Original Color

39.7020, 0.4310, 0.3168

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9665, 0.3517, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7020, 0.4310, 0.3168 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(253, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(253, 133, 145)  
}
```

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(253, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 133, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.7020, 0.4310, 0.3168 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(253, 133, 145) }
```

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

```
.border{ border-color:rgb(253, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(253, 133,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7020, 0.4310, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 133, 145) }
```

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

```
.background{ background-color: rgb(253,  
133, 145) }
```

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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