

Converting Colors

Yxy(39.3444, 0.4494, 0.3295)

Have a look what the booklet for
Yxy(39.3444, 0.4494, 0.3295)
contains.

Yxy(39.4012, 0.4494, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4012, 0.4494, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	FF8483
RGB	255, 132, 131
RGB Percent	100%, 52%, 51%
CMY	0.0000, 0.4824, 0.4862
CMYK	0.00, 0.48, 0.49, 0.00
HSL	0°, 100%, 76%
HSV	0°, 49%, 100%
XYZ	53.5923, 39.4012, 26.2595
YIQ	168.6630, 73.6290, 25.7650

Conversions

Conversions Part 2

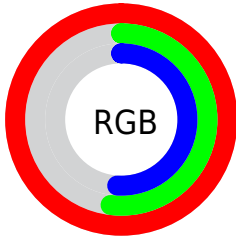
Format	Color
R _Y B	255, 132, 131
Decimal	16745603
CIE Lab	69.04, 46.52, 22.13
CIE LCh	69, 51.512, 25.444
Yxy	39.4012, 0.4494, 0.3304
Android (android.graphics.Color)	4294935683 (0xFFFF8483)
YUV	168.6630, -18.5679, 75.7175
Hunter-Lab	62.7704, 42.5522, 19.1357

Details

The Yxy color **39.4012, 0.4494, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.9439, 0.2484, 0.3277**, and the grayscale version is **39.5666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2613, 0.3731, 0.3323**, and **17.6705, 0.4899, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **32.7432, 0.4953, 0.3307**, and if you desaturate by 10%, it is **47.8921, 0.4094, 0.3301**.

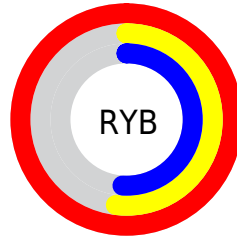
Distribution



Red (100%)

Green (52%)

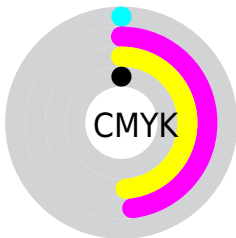
Blue (51%)



Red (100%)

Yellow (52%)

Blue (51%)

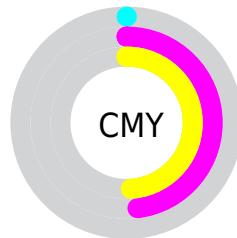


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4012, 0.4494, 0.3304 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 39.4012, 0.4494, 0.3304 by changing the saturation by 10% instead.


 39.4012, 0.4494,
0.3304

 39.4012, 0.4494,
0.3304

343.5932, 0.3786,
0.3329

 27.0720, 0.4675,
0.3287


 74.2508, 0.4233,
0.3321

 17.6273, 0.4908,
0.3258


 97.5400, 0.4136,
0.3325

 10.6827, 0.5217,
0.3208


 125.2513, 0.4054,
0.3328

 5.8539, 0.5643,
0.3117

157.7691, 0.3985,
0.3329

 2.7565, 0.6259,
0.2943

195.4778, 0.3925,
0.3330

 1.0059, 0.7358,
0.2642

238.7618, 0.3873,


 0.0000, 1.0000,


0.3330

0.0000


288.0055, 0.3827,
0.3330


 0.0000, 0.0000,
0.0000

 39.4012, 0.4494,
0.3304


 39.4012, 0.4494,
0.3304

 32.7432, 0.4953,
0.3307


 47.8921, 0.4094,
0.3301


 27.7839, 0.5436,
0.3308

 58.3382, 0.3761,
0.3298

 24.3694, 0.5882,
0.3307

 70.8502, 0.3492,
0.3295

 22.3185, 0.6212,
0.3305

 85.5309, 0.3277,
0.3292

 21.3872, 0.6381,
0.3303

100.0000, 0.3127,
0.3290

 21.3037, 0.6397,
0.3303

Harmonies

Analogous

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



39.4012, 0.3922, 0.2785



39.4012, 0.4494, 0.3304



39.4012, 0.4624, 0.3865

Triad

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



39.4012, 0.4494, 0.3304



39.4012, 0.2965, 0.4512



39.4012, 0.1998, 0.2174

Complementary

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



39.4012, 0.4494, 0.3304



82.9439, 0.2484, 0.3277

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.



39.4012, 0.1818, 0.2454



39.4012, 0.4494, 0.3304



39.4012, 0.2320, 0.3839

Square

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



39.4012, 0.4494, 0.3304



39.4012, 0.3693, 0.4684



39.4012, 0.1921, 0.3037



39.4012, 0.2452, 0.2164

Rectangle

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



39.4012, 0.4494, 0.3304



39.4012, 0.4455, 0.4223



39.4012, 0.1921, 0.3037



39.4012, 0.1907, 0.2235

Sweetspot

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



39.4010, 0.4494, 0.3304



75.9092, 0.3409, 0.3294



44.7176, 0.3182, 0.2111



15.6097, 0.3457, 0.3294



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.



39.4010, 0.4494, 0.3304



33.1053, 0.4923, 0.3306



61.0432, 0.4147, 0.3930



18.0100, 0.3294, 0.3292



11.1416, 0.6395, 0.3304



1.0925, 0.6382, 0.3315

Inverse Universe

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



82.9439, 0.2484, 0.3277



81.1294, 0.2402, 0.3274



50.1908, 0.2342, 0.2528



20.4554, 0.2980, 0.3288



40.4871, 0.2240, 0.3263



3.9497, 0.2241, 0.3266

Previews

White Background



This preview shows how the Yxy color 39.4012, 0.4494, 0.3304 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 39.4012, 0.4494, 0.3304 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 39.4012, 0.4494, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 39.4012, 0.4494, 0.3304.



This preview shows how white text looks on a background with the Yxy color 39.4012, 0.4494, 0.3304.

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

39.4012, 0.4494, 0.3304

Protanopia

39.4905, 0.3388, 0.3569

Deuteranopia

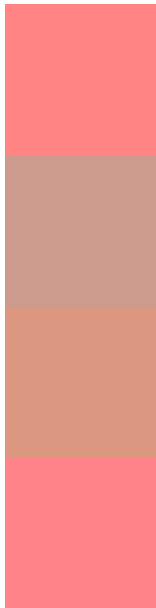
39.4891, 0.3833, 0.3762



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.4012, 0.4494, 0.3304

Protanomaly

38.3748, 0.3766, 0.3459

Deuteranomaly

38.7518, 0.4071, 0.3572

Tritanomaly

39.2987, 0.4431, 0.3232

Monochromacy



Original Color

39.4012, 0.4494, 0.3304

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4229, 0.3580, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4012, 0.4494, 0.3304 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, 131)` looks like.

```
.text, #text, p{  
  color:rgb(255, 132, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 131) }
```

Border

The CSS property to change the border of an element to Yxy 39.4012, 0.4494, 0.3304 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, 131) }
```

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

```
.border{ border-color:rgb(255, 132, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4012, 0.4494, 0.3304 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, 131) }
```

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

```
.background{ background-color: rgb(255,  
132, 131) }
```

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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