

Converting Colors

$Y_{xy}(39.0538, 0.4432, 0.3219)$

Have a look what the booklet for
Yxy(39.0538, 0.4432, 0.3219)
contains.

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Color

Yxy(39.0314, 0.4436, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	FF8289
RGB	255, 130, 137
RGB Percent	100%, 51%, 54%
CMY	0.0000, 0.4902, 0.4627
CMYK	0.00, 0.49, 0.46, 0.00
HSL	357°, 100%, 75%
HSV	357°, 49%, 100%
XYZ	53.7378, 39.0314, 28.3711
YIQ	168.1730, 72.2530, 28.6770

Conversions

Conversions Part 2

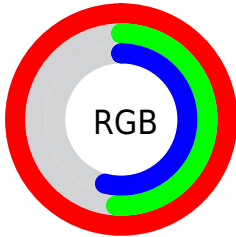
Format	Color
R _Y B	255, 130, 137
Decimal	16745097
CIE Lab	68.77, 48.04, 18.42
CIE LCh	69, 51.450, 20.978
Yxy	39.0314, 0.4436, 0.3222
Android (android.graphics.Color)	4294935177 (0xFFFF8289)
YUV	168.1730, -15.3683, 76.1473
Hunter-Lab	62.4751, 44.2049, 16.8079

Details

The Yxy color **39.0314, 0.4436, 0.3222** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0422, 0.2511, 0.3369**, and the grayscale version is **39.2994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6756, 0.3685, 0.3239**, and **17.3263, 0.4842, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **32.4537, 0.4876, 0.3215**, and if you desaturate by 10%, it is **47.4478, 0.4055, 0.3234**.

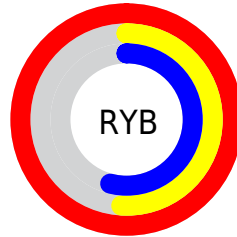
Distribution



Red (100%)

Green (51%)

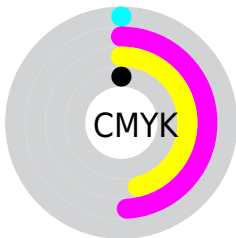
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

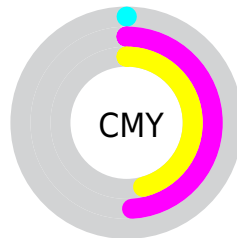


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0314, 0.4436, 0.3222 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 39.0314, 0.4436, 0.3222 by changing the saturation by 10% instead.


 39.0314, 0.4436,
0.3222


 39.0314, 0.4436,
0.3222


342.0240, 0.3757,
0.3284


 26.7842, 0.4610,
0.3197


 73.6863, 0.4185,
0.3251

 17.4112, 0.4836,
0.3160


 96.8627, 0.4092,
0.3260

 10.5281, 0.5138,
0.3101


 124.4510, 0.4014,
0.3267

 5.7505, 0.5557,
0.3001

156.8355, 0.3947,
0.3272

 2.6940, 0.6164,
0.2816

194.4007, 0.3890,
0.3276

 0.9741, 0.7434,
0.2566

237.5309, 0.3840,


 0.0000, 1.0000,


0.3279

0.0000

286.6105, 0.3796,
0.3282


 0.0000, 0.0000,
0.0000


 39.0314, 0.4436,
0.3222


 39.0314, 0.4436,
0.3222


 32.4537, 0.4876,
0.3215


 47.4478, 0.4055,
0.3234


 27.5718, 0.5346,
0.3216


 57.8197, 0.3738,
0.3248

 24.2317, 0.5792,
0.3228

 70.2615, 0.3482,
0.3263

 22.2487, 0.6143,
0.3250

 84.8771, 0.3277,
0.3278

 21.3534, 0.6347,
0.3276

99.9996, 0.3127,
0.3290

■ 21.2920, 0.6360,
0.3277

Harmonies

Analogous

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



39.0314, 0.3813, 0.2714



39.0314, 0.4436, 0.3222



39.0314, 0.4638, 0.3782

Triad

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



39.0314, 0.4436, 0.3222



39.0314, 0.3073, 0.4577



39.0314, 0.1952, 0.2196

Complementary

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



39.0314, 0.4436, 0.3222



83.0422, 0.2511, 0.3369

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.



39.0314, 0.1813, 0.2520



39.0314, 0.4436, 0.3222



39.0314, 0.2402, 0.3961

Square

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



39.0314, 0.4436, 0.3222



39.0314, 0.3797, 0.4666



39.0314, 0.1960, 0.3147



39.0314, 0.2366, 0.2148

Rectangle

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



39.0314, 0.4436, 0.3222



39.0314, 0.4511, 0.4148



39.0314, 0.1960, 0.3147



39.0314, 0.1875, 0.2271

Sweetspot

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



39.0334, 0.4436, 0.3222



75.8657, 0.3394, 0.3269



42.9007, 0.3110, 0.2076



15.5994, 0.3439, 0.3266



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.



39.0334, 0.4436, 0.3222



32.4634, 0.4875, 0.3215



57.2233, 0.4204, 0.3852



18.0036, 0.3286, 0.3277



11.1323, 0.6344, 0.3269



1.0894, 0.6213, 0.3196

Inverse Universe

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



39.0334, 0.4436, 0.3222



32.4634, 0.4875, 0.3215



53.6630, 0.2356, 0.2628



18.0036, 0.3286, 0.3277



11.1323, 0.6344, 0.3269



1.0894, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 39.0314, 0.4436, 0.3222 looks on a white background.

Color Contrast Check

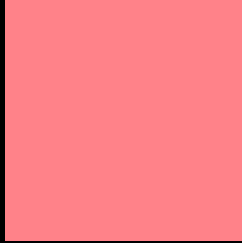
Large Text (above 18pt) WCAG AA × Fail

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 39.0314, 0.4436, 0.3222 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 39.0314, 0.4436, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 39.0314, 0.4436, 0.3222.



This preview shows how white text looks on a background with the Yxy color 39.0314, 0.4436, 0.3222.

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

39.0314, 0.4436, 0.3222

Protanopia

39.4042, 0.3287, 0.3458

Deuteranopia

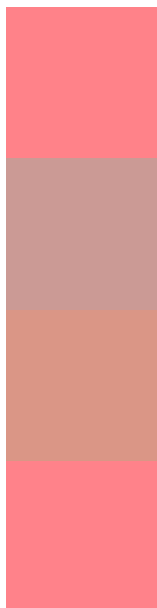
39.0260, 0.3760, 0.3674



Tritanopia

39.0893, 0.4413, 0.3201

Trichromacy



Original Color

39.0314, 0.4436, 0.3222

Protanomaly

37.9776, 0.3677, 0.3356

Deuteranomaly

38.4393, 0.4004, 0.3488

Tritanomaly

39.0602, 0.4425, 0.3212

Monochromacy



Original Color

39.0314, 0.4436, 0.3222

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8249, 0.3565, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0314, 0.4436, 0.3222 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, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 137)  
}
```

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, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 137) }
```

Border

The CSS property to change the border of an element to Yxy 39.0314, 0.4436, 0.3222 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, 130, 137) }
```

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

```
.border{ border-color:rgb(255, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0314, 0.4436, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 137) }
```

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

```
.background{ background-color: rgb(255,  
130, 137) }
```

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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