

Converting Colors

$Yxy(39.1308, 0.4583, 0.3380)$

Have a look what the booklet for
Yxy(39.1308, 0.4583, 0.3380)
contains.

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Color

Yxy(39.1926, 0.4584, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FF847B
RGB	255, 132, 123
RGB Percent	100%, 52%, 48%
CMY	0.0001, 0.4823, 0.5178
CMYK	0.00, 0.48, 0.52, 0.00
HSL	4°, 100%, 74%
HSV	4°, 52%, 100%
XYZ	53.0593, 39.1926, 23.4970
YIQ	167.7510, 76.1970, 23.2770

Conversions

Conversions Part 2

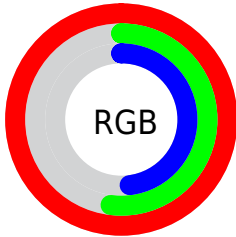
Format	Color
R _Y B	255, 133, 123
Decimal	16745595
CIE Lab	68.89, 45.79, 26.40
CIE LCh	69, 52.855, 29.966
Yxy	39.1926, 0.4584, 0.3386
Android (android.graphics.Color)	4294935675 (0xFFFF847B)
YUV	167.7510, -22.0622, 76.5174
Hunter-Lab	62.6040, 41.7287, 21.5696

Details

The Yxy color **39.1926, 0.4584, 0.3386** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.2929, 0.2436, 0.3183**, and the grayscale version is **39.1135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9352, 0.3800, 0.3407**, and **17.5557, 0.5023, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **32.9114, 0.5035, 0.3396**, and if you desaturate by 10%, it is **47.1101, 0.4182, 0.3370**.

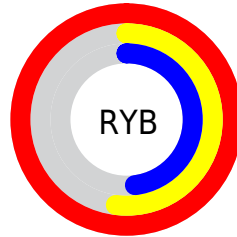
Distribution



Red (100%)

Green (52%)

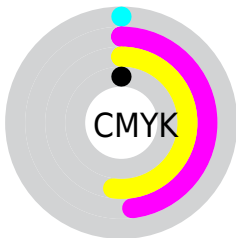
Blue (48%)



Red (100%)

Yellow (52%)

Blue (48%)

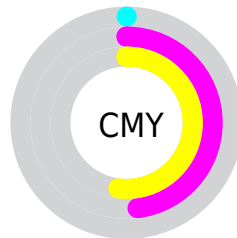


Cyan (0%)

Magenta (48%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1926, 0.4584, 0.3386 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 39.1926, 0.4584, 0.3386 by changing the saturation by 10% instead.


 39.1926, 0.4584,
0.3386


 39.1926, 0.4584,
0.3386

342.7086, 0.3830,
0.3377


 26.9096, 0.4775,
0.3375


 73.9325, 0.4307,
0.3392

 17.5053, 0.5021,
0.3352


 97.1581, 0.4203,
0.3392

 10.5954, 0.5344,
0.3307


 124.8001, 0.4116,
0.3390

 5.7955, 0.5782,
0.3216

157.2427, 0.4042,
0.3388

 2.7211, 0.6455,
0.3060

194.8706, 0.3978,
0.3385

 0.9879, 0.7341,
0.2659

238.0679, 0.3923,

 0.0000, 1.0000,

0.3382

0.0000

287.2191, 0.3874,
0.3379

■ 0.0000, 0.0000,
0.0000

■ 39.1926, 0.4584,
0.3386

■ 39.1926, 0.4584,
0.3386

■ 32.9114, 0.5035,
0.3396

■ 47.1101, 0.4182,
0.3370

■ 28.1464, 0.5501,
0.3395

■ 56.7609, 0.3842,
0.3351

■ 24.7709, 0.5920,
0.3380

■ 68.2415, 0.3564,
0.3331

■ 22.6351, 0.6224,
0.3352

■ 81.6397, 0.3338,
0.3311

■ 21.6723, 0.6365,
0.3328

■ 97.0376, 0.3156,
0.3293

99.9961, 0.3127,
0.3290

Harmonies

Analogous

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



39.1926, 0.4054, 0.2846



39.1926, 0.4584, 0.3386



39.1926, 0.4640, 0.3960

Triad

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



39.1926, 0.4584, 0.3386



39.1926, 0.2848, 0.4474



39.1926, 0.2024, 0.2130

Complementary

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



39.1926, 0.4584, 0.3386



77.2929, 0.2436, 0.3183

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.



39.1926, 0.1798, 0.2369



39.1926, 0.4584, 0.3386



39.1926, 0.2218, 0.3727

Square

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



39.1926, 0.4584, 0.3386



39.1926, 0.3594, 0.4734



39.1926, 0.1857, 0.2918



39.1926, 0.2527, 0.2157

Rectangle

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



39.1926, 0.4584, 0.3386



39.1926, 0.4423, 0.4319



39.1926, 0.1857, 0.2918



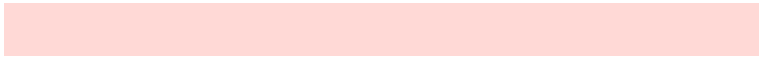
39.1926, 0.1917, 0.2177

Sweetspot

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



39.1947, 0.4584, 0.3386



75.7503, 0.3427, 0.3319



42.0793, 0.3264, 0.2114



15.6256, 0.3474, 0.3323



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.



39.1947, 0.4584, 0.3386



32.7925, 0.5046, 0.3396



62.9709, 0.4180, 0.4053



18.1870, 0.3293, 0.3307



11.3997, 0.6352, 0.3338



1.1766, 0.6244, 0.3424

Inverse Universe

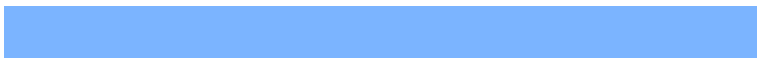
The Inverse Universe completely reimagines the original color for something new.



77.2929, 0.2436, 0.3183



74.5508, 0.2346, 0.3159



44.1402, 0.2269, 0.2353



20.2555, 0.2980, 0.3273



35.6658, 0.2187, 0.3074



3.5342, 0.2195, 0.3100

Previews

White Background



This preview shows how the Yxy color 39.1926, 0.4584, 0.3386 looks on a white background.

Color Contrast Check

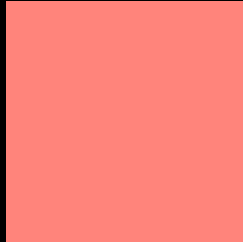
Large Text (above 18pt) WCAG AA × Fail

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 39.1926, 0.4584, 0.3386 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 39.1926, 0.4584, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 39.1926, 0.4584, 0.3386.



This preview shows how white text looks on a background with the Yxy color 39.1926, 0.4584, 0.3386.

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

39.1926, 0.4584, 0.3386

Protanopia

39.3343, 0.3479, 0.3696

Deuteranopia

39.2153, 0.3935, 0.3848



Tritanopia

39.0893, 0.4413, 0.3201

Trichromacy



Original Color

39.1926, 0.4584, 0.3386

Protanomaly

38.2580, 0.3868, 0.3574

Deuteranomaly

38.5409, 0.4180, 0.3652

Tritanomaly

39.1861, 0.4477, 0.3274

Monochromacy



Original Color

39.1926, 0.4584, 0.3386

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9890, 0.3613, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1926, 0.4584, 0.3386 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 123) }
```

Border

The CSS property to change the border of an element to Yxy 39.1926, 0.4584, 0.3386 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, 123) }
```

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

```
.border{ border-color:rgb(255, 132, 123) }
```

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, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1926, 0.4584, 0.3386 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, 123) }
```

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

```
.background{ background-color: rgb(255,  
132, 123) }
```

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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