

Converting Colors

$Yxy(54.5913, 0.3817, 0.3237)$

Have a look what the booklet for
Yxy(54.5913, 0.3817, 0.3237)
contains.

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Color

Yxy(54.7868, 0.3815, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB3
RGB	255, 174, 179
RGB Percent	100%, 68%, 70%
CMY	0.0000, 0.3177, 0.2980
CMYK	0.00, 0.32, 0.30, 0.00
HSL	356°, 100%, 84%
HSV	356°, 32%, 100%
XYZ	64.5297, 54.7868, 49.8308
YIQ	198.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

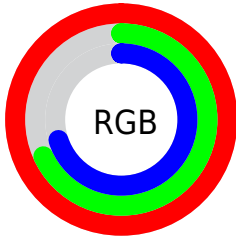
Format	Color
R_{YB}	255, 174, 179
Decimal	16756403
CIE _{Lab}	78.92, 30.32, 9.53
CIE _{LCh}	79, 31.782, 17.442
Yxy	54.7868, 0.3815, 0.3239
Android (android.graphics.Color)	4294946483 (0xFFFFAEB3)
YUV	198.7890, -9.7560, 49.2970
Hunter-Lab	74.0181, 26.0863, 11.8972

Details

The Yxy color **54.7868, 0.3815, 0.3239** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.4155, 0.2695, 0.3344**, and the grayscale version is **57.0085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8518, 0.3267, 0.3241**, and **27.0514, 0.4010, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **44.9598, 0.4146, 0.3223**, and if you desaturate by 10%, it is **66.6352, 0.3544, 0.3256**.

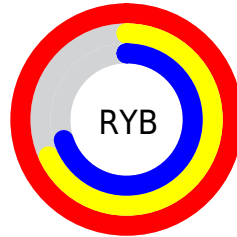
Distribution



Red (100%)

Green (68%)

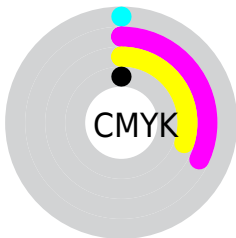
Blue (70%)



Red (100%)

Yellow (68%)

Blue (70%)

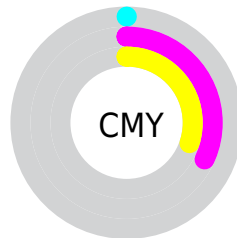


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7868, 0.3815, 0.3239 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 54.7868, 0.3815, 0.3239 by changing the saturation by 10% instead.


 54.7868, 0.3815,
0.3239

 54.7868, 0.3815,
0.3239

405.1033, 0.3477,
0.3271

 39.2311, 0.3897,
0.3229


 97.2285, 0.3694,
0.3252

 26.9395, 0.4001,
0.3216


124.8833, 0.3648,
0.3256

 17.5278, 0.4137,
0.3197


157.3398, 0.3609,
0.3260

 10.6115, 0.4323,
0.3168

194.9826, 0.3575,
0.3263

 5.8063, 0.4588,
0.3120

238.1959, 0.3546,
0.3265

 2.7276, 0.4998,
0.3032

287.3642, 0.3520,

 0.9912, 0.5865,

0.3268

0.2927

342.8718, 0.3498,
0.3269

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7868, 0.3815,
0.3239

54.7868, 0.3815,
0.3239

44.9598, 0.4146,
0.3223

66.6352, 0.3544,
0.3256

37.0641, 0.4542,
0.3211

80.6354, 0.3327,
0.3272

30.9652, 0.4992,
0.3205

96.8777, 0.3154,
0.3287

26.5219, 0.5460,
0.3209

100.0000, 0.3127,
0.3290

■ 23.5719, 0.5888,
0.3225

■ 21.9201, 0.6205,
0.3252

■ 21.2970, 0.6354,
0.3274

Harmonies

Analogous

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



54.7868, 0.3464, 0.2927



54.7868, 0.3815, 0.3239



54.7868, 0.3967, 0.3580

Triad

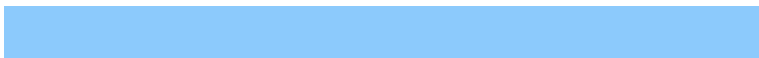
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.7868, 0.3815, 0.3239



54.7868, 0.3173, 0.3984



54.7868, 0.2417, 0.2677

Complementary

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



54.7868, 0.3815, 0.3239



87.4155, 0.2695, 0.3344

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.



54.7868, 0.2354, 0.2912



54.7868, 0.3815, 0.3239



54.7868, 0.2772, 0.3694

Square

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



54.7868, 0.3815, 0.3239



54.7868, 0.3579, 0.4041



54.7868, 0.2478, 0.3284



54.7868, 0.2658, 0.2610

Rectangle

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



54.7868, 0.3815, 0.3239



54.7868, 0.3932, 0.3788



54.7868, 0.2478, 0.3284



54.7868, 0.2375, 0.2737

Sweetspot

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



54.7786, 0.3814, 0.3239



83.3502, 0.3294, 0.3275



57.7330, 0.3122, 0.2487



17.3787, 0.3320, 0.3273



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.



54.7786, 0.3814, 0.3239



48.4329, 0.4013, 0.3229



69.9587, 0.3746, 0.3655



18.0054, 0.3285, 0.3276



11.1351, 0.6338, 0.3265



1.0903, 0.6193, 0.3185

Inverse Universe

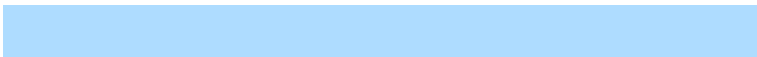
The Inverse Universe completely reimagines the original color for something new.



54.7786, 0.3814, 0.3239



48.4329, 0.4013, 0.3229



67.3447, 0.2623, 0.2893



18.0054, 0.3285, 0.3276



11.1351, 0.6338, 0.3265



1.0903, 0.6193, 0.3185

Previews

White Background



This preview shows how the Yxy color 54.7868, 0.3815, 0.3239 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 54.7868, 0.3815, 0.3239 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 54.7868, 0.3815, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 54.7868, 0.3815, 0.3239.



This preview shows how white text looks on a background with the Yxy color 54.7868, 0.3815, 0.3239.

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

54.7868, 0.3815, 0.3239

Protanopia

55.0273, 0.3205, 0.3351

Deuteranopia

55.0594, 0.3511, 0.3442



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.7868, 0.3815, 0.3239



Protanomaly

54.3015, 0.3415, 0.3302



Deuteranomaly

54.9477, 0.3619, 0.3370



Tritanomaly

54.5660, 0.3781, 0.3187

Monochromacy



Original Color

54.7868, 0.3815, 0.3239



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6928, 0.3353, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7868, 0.3815, 0.3239 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, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 179)  
}
```

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, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.7868, 0.3815, 0.3239 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, 174, 179) }
```

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

```
.border{ border-color:rgb(255, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7868, 0.3815, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 179) }
```

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

```
.background{ background-color: rgb(255,  
174, 179) }
```

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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