

Converting Colors

Yxy(54.4189, 0.3794, 0.3246)

Have a look what the booklet for
Yxy(54.4189, 0.3794, 0.3246)
contains.

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Color

Yxy(54.2222, 0.3788, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FCAEB3
RGB	252, 174, 179
RGB Percent	99%, 68%, 70%
CMY	0.0118, 0.3176, 0.2981
CMYK	0.00, 0.31, 0.29, 0.01
HSL	356°, 93%, 84%
HSV	356°, 31%, 99%
XYZ	63.4127, 54.2222, 49.7692
YIQ	197.8920, 44.8830, 18.0910

Conversions

Conversions Part 2

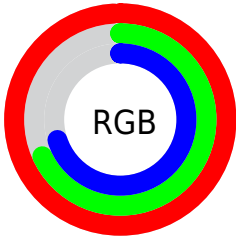
Format	Color
R _Y B	252, 174, 179
Decimal	16559795
CIE Lab	78.59, 29.18, 9.03
CIE LCh	79, 30.544, 17.187
Yxy	54.2222, 0.3788, 0.3239
Android (android.graphics.Color)	4294749875 (0xFFFC AEB3)
YUV	197.8920, -9.3138, 47.4527
Hunter-Lab	73.6357, 24.8559, 11.4718

Details

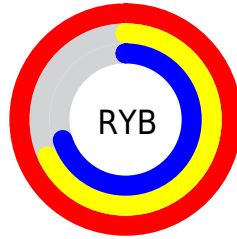
The Yxy color **54.2222, 0.3788, 0.3239** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3262, 0.2706, 0.3343**, and the grayscale version is **56.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8518, 0.3267, 0.3241**, and **26.6504, 0.3975, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **44.5096, 0.4113, 0.3223**, and if you desaturate by 10%, it is **65.9295, 0.3523, 0.3256**.

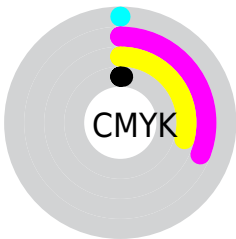
Distribution



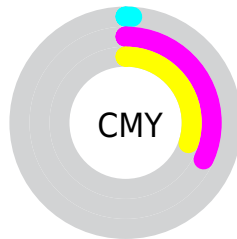
- Red (99%)
- Green (68%)
- Blue (70%)



- Red (99%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (1%)




- Cyan (1%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2222, 0.3788, 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 54.2222, 0.3788, 0.3239 by changing the saturation by 10% instead.


 54.2222, 0.3788,
0.3239

 54.2222, 0.3788,
0.3239


402.9568, 0.3463,
0.3270

 38.7793, 0.3867,
0.3230


 96.4004, 0.3671,
0.3252

 26.5881, 0.3968,
0.3217


123.9046, 0.3627,
0.3256

 17.2641, 0.4099,
0.3198


156.1979, 0.3590,
0.3260

 10.4230, 0.4279,
0.3170

193.6649, 0.3557,
0.3263

 5.6803, 0.4537,
0.3124

236.6899, 0.3529,
0.3265

 2.6517, 0.4938,
0.3039

285.6572, 0.3504,

 0.9527, 0.5805,

0.3267

0.2945

340.9514, 0.3483,
0.3269

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2222, 0.3788,
0.3239

54.2222, 0.3788,
0.3239

44.5096, 0.4113,
0.3223

65.9295, 0.3523,
0.3256

36.6732, 0.4503,
0.3210

79.7257, 0.3311,
0.3273

30.5942, 0.4948,
0.3203

95.7086, 0.3141,
0.3289

26.1368, 0.5416,
0.3206

99.4323, 0.3109,
0.3290

■ 23.1457, 0.5850,
0.3221

■ 21.4347, 0.6180,
0.3248

■ 20.7300, 0.6352,
0.3273

Harmonies

Analogous

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



54.2222, 0.3449, 0.2937



54.2222, 0.3788, 0.3239



54.2222, 0.3937, 0.3569

Triad

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



54.2222, 0.3788, 0.3239



54.2222, 0.3176, 0.3959



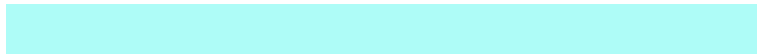
54.2222, 0.2440, 0.2699

Complementary

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



54.2222, 0.3788, 0.3239



85.3262, 0.2706, 0.3343

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.



54.2222, 0.2380, 0.2929



54.2222, 0.3788, 0.3239



54.2222, 0.2788, 0.3682

Square

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



54.2222, 0.3788, 0.3239



54.2222, 0.3567, 0.4014



54.2222, 0.2502, 0.3289



54.2222, 0.2672, 0.2632

Rectangle

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



54.2222, 0.3788, 0.3239



54.2222, 0.3905, 0.3770



54.2222, 0.2502, 0.3289



54.2222, 0.2400, 0.2758

Sweetspot

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



54.2248, 0.3788, 0.3239



84.9141, 0.3275, 0.3276



57.0403, 0.3122, 0.2509



17.6904, 0.3302, 0.3274



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.



54.2248, 0.3788, 0.3239



49.4057, 0.3978, 0.3229



68.7638, 0.3725, 0.3645



17.2432, 0.3284, 0.3275



10.8072, 0.6335, 0.3263



1.0070, 0.6180, 0.3178

Inverse Universe

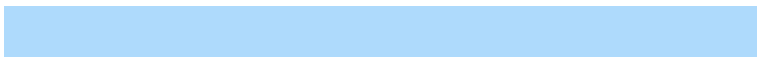
The Inverse Universe completely reimagines the original color for something new.



54.2248, 0.3788, 0.3239



49.4057, 0.3978, 0.3229



66.2727, 0.2637, 0.2905



17.2432, 0.3284, 0.3275



10.8072, 0.6335, 0.3263



1.0070, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 54.2222, 0.3788, 0.3239 looks on a white background.

Color Contrast Check

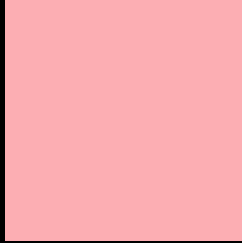
Large Text (above 18pt) WCAG AA × Fail

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 54.2222, 0.3788, 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 54.2222, 0.3788, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 54.2222, 0.3788, 0.3239.

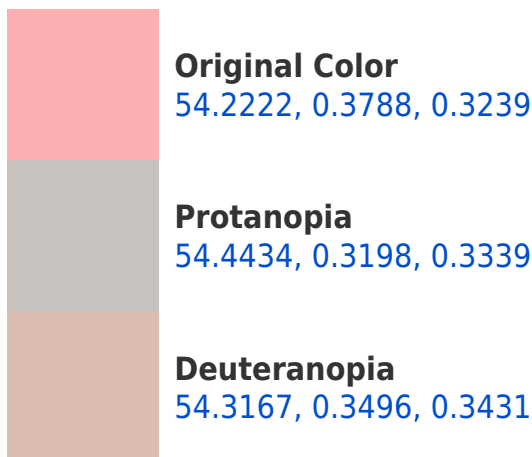


This preview shows how white text looks on a background with the Yxy color 54.2222, 0.3788, 0.3239.

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





Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.2222, 0.3788, 0.3239



Protanomaly

53.9912, 0.3398, 0.3302



Deuteranomaly

54.1971, 0.3604, 0.3359



Tritanomaly

54.1887, 0.3763, 0.3186

Monochromacy



Original Color

54.2222, 0.3788, 0.3239



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.0622, 0.3354, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2222, 0.3788, 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(252, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.2222, 0.3788, 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(252, 174, 179) }
```

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

```
.border{ border-color:rgb(252, 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(252, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2222, 0.3788, 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(252, 174, 179) }
```

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

```
.background{ background-color: rgb(252,  
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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