

Converting Colors

Yxy(52.5744, 0.3792, 0.3231)

Have a look what the booklet for
Yxy(52.5744, 0.3792, 0.3231)
contains.

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Color

Yxy(52.4399, 0.3789, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	F9ABB1
RGB	249, 171, 177
RGB Percent	98%, 67%, 69%
CMY	0.0237, 0.3293, 0.3060
CMYK	0.00, 0.31, 0.29, 0.02
HSL	355°, 87%, 82%
HSV	355°, 31%, 98%
XYZ	61.5535, 52.4399, 48.4598
YIQ	195.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

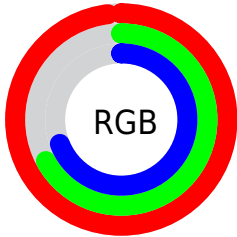
Format	Color
R _Y B	249, 171, 177
Decimal	16362417
CIE Lab	77.54, 29.39, 8.58
CIE LCh	78, 30.613, 16.280
Yxy	52.4399, 0.3789, 0.3228
Android (android.graphics.Color)	4294552497 (0xFFF9ABB1)
YUV	195.0060, -8.8770, 47.3527
Hunter-Lab	72.4154, 24.9991, 11.0144

Details

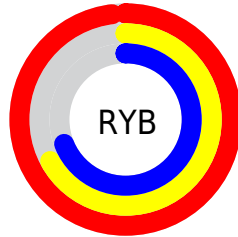
The Yxy color **52.4399, 0.3789, 0.3228** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8607, 0.2706, 0.3355**, and the grayscale version is **54.6115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0814, 0.3284, 0.3231**, and **25.5139, 0.3966, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **43.0635, 0.4112, 0.3209**, and if you desaturate by 10%, it is **63.7471, 0.3526, 0.3249**.

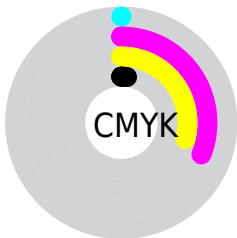
Distribution



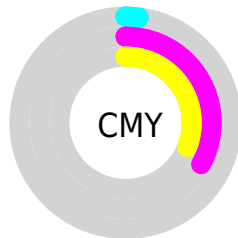
- Red (98%)
- Green (67%)
- Blue (69%)



- Red (98%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4399, 0.3789, 0.3228 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 52.4399, 0.3789, 0.3228 by changing the saturation by 10% instead.


 52.4399, 0.3789,
0.3228

 52.4399, 0.3789,
0.3228

396.1325, 0.3462,
0.3265

 37.3558, 0.3869,
0.3217


 93.7797, 0.3671,
0.3243

 25.4831, 0.3971,
0.3203


120.8042, 0.3627,
0.3248

 16.4374, 0.4106,
0.3182


152.5776, 0.3589,
0.3252

 9.8342, 0.4290,
0.3150

189.4844, 0.3556,
0.3255

 5.2891, 0.4557,
0.3099

231.9088, 0.3528,
0.3258

 2.4179, 0.4975,
0.3005

280.2354, 0.3503,

 0.8351, 0.5983,

0.3261

0.2932

334.8485, 0.3481,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4399, 0.3789,
0.3228

52.4399, 0.3789,
0.3228

43.0635, 0.4112,
0.3209

63.7471, 0.3526,
0.3249

35.5030, 0.4498,
0.3193

77.0766, 0.3315,
0.3269

29.6430, 0.4938,
0.3184

92.5234, 0.3147,
0.3288

25.3515, 0.5402,
0.3187

98.8727, 0.3090,
0.3290

■ 22.4775, 0.5834,
0.3205

■ 20.8398, 0.6166,
0.3237

■ 20.1798, 0.6339,
0.3265

Harmonies

Analogous

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



52.4399, 0.3441, 0.2925



52.4399, 0.3789, 0.3228



52.4399, 0.3947, 0.3562

Triad

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



52.4399, 0.3789, 0.3228



52.4399, 0.3189, 0.3974



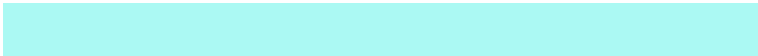
52.4399, 0.2427, 0.2696

Complementary

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



52.4399, 0.3789, 0.3228



82.8607, 0.2706, 0.3355

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.



52.4399, 0.2371, 0.2933



52.4399, 0.3789, 0.3228



52.4399, 0.2794, 0.3699

Square

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



52.4399, 0.3789, 0.3228



52.4399, 0.3583, 0.4022



52.4399, 0.2500, 0.3301



52.4399, 0.2656, 0.2624

Rectangle

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



52.4399, 0.3789, 0.3228



52.4399, 0.3919, 0.3767



52.4399, 0.2500, 0.3301



52.4399, 0.2388, 0.2757

Sweetspot

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



52.4424, 0.3789, 0.3228



84.9305, 0.3273, 0.3273



54.9335, 0.3111, 0.2497



17.6944, 0.3300, 0.3270



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.



52.4424, 0.3789, 0.3228



48.4826, 0.4000, 0.3215



66.0226, 0.3738, 0.3635



17.2467, 0.3282, 0.3272



10.8133, 0.6320, 0.3255



1.0087, 0.6139, 0.3156

Inverse Universe

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



52.4424, 0.3789, 0.3228



48.4826, 0.4000, 0.3215



64.8610, 0.2633, 0.2916



17.2467, 0.3282, 0.3272



10.8133, 0.6320, 0.3255



1.0087, 0.6139, 0.3156

Previews

White Background



This preview shows how the Yxy color 52.4399, 0.3789, 0.3228 looks on a white background.

Color Contrast Check

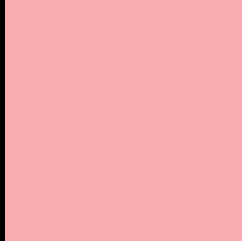
Large Text (above 18pt) WCAG AA × Fail

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 52.4399, 0.3789, 0.3228 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 52.4399, 0.3789, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 52.4399, 0.3789, 0.3228.



This preview shows how white text looks on a background with the Yxy color 52.4399, 0.3789, 0.3228.

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

52.4399, 0.3789, 0.3228

Protanopia

52.6282, 0.3191, 0.3327

Deuteranopia

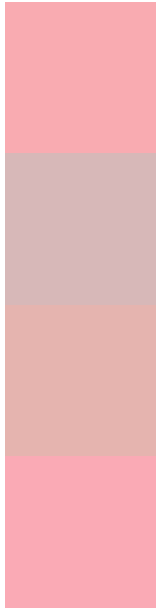
52.5056, 0.3493, 0.3421



Tritanopia

52.4923, 0.3745, 0.3153

Trichromacy



Original Color

52.4399, 0.3789, 0.3228

Protanomaly

52.1887, 0.3393, 0.3291

Deuteranomaly

52.3957, 0.3603, 0.3349

Tritanomaly

52.4096, 0.3764, 0.3174

Monochromacy



Original Color

52.4399, 0.3789, 0.3228

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.1957, 0.3357, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4399, 0.3789, 0.3228 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(249, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 171, 177)  
}
```

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(249, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 171, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.4399, 0.3789, 0.3228 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(249, 171, 177) }
```

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

```
.border{ border-color:rgb(249, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 171,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4399, 0.3789, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 171, 177) }
```

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

```
.background{ background-color: rgb(249,  
171, 177) }
```

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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