

Converting Colors

$Yxy(53.3062, 0.3845, 0.3172)$

Have a look what the booklet for
Yxy(53.3062, 0.3845, 0.3172)
contains.

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Color

Yxy(52.9312, 0.3821, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B4
RGB	255, 169, 180
RGB Percent	100%, 66%, 71%
CMY	0.0000, 0.3373, 0.2941
CMYK	0.00, 0.34, 0.29, 0.00
HSL	352°, 100%, 83%
HSV	352°, 34%, 100%
XYZ	63.6808, 52.9312, 50.0480
YIQ	195.9680, 47.7250, 21.6530

Conversions

Conversions Part 2

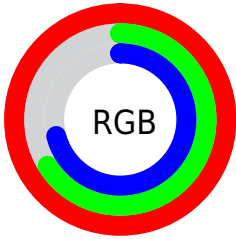
Format	Color
R _Y B	255, 169, 180
Decimal	16755124
CIE Lab	77.83, 33.06, 7.43
CIE LCh	78, 33.882, 12.674
Yxy	52.9312, 0.3821, 0.3176
Android (android.graphics.Color)	4294945204 (0xFFFFA9B4)
YUV	195.9680, -7.8722, 51.7711
Hunter-Lab	72.7538, 28.9202, 10.1416

Details

The Yxy color **52.9312, 0.3821, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4823, 0.2699, 0.3411**, and the grayscale version is **55.2010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1666, 0.3266, 0.3182**, and **25.7589, 0.4009, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **43.5106, 0.4138, 0.3143**, and if you desaturate by 10%, it is **64.3334, 0.3560, 0.3211**.

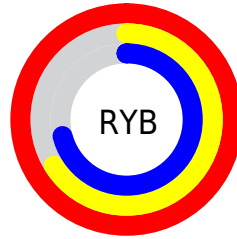
Distribution



Red (100%)

Green (66%)

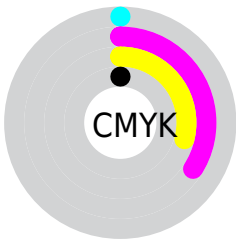
Blue (71%)



Red (100%)

Yellow (66%)

Blue (71%)

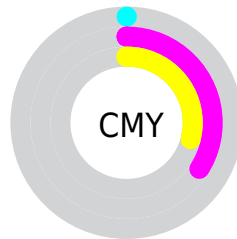


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9312, 0.3821, 0.3176 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 52.9312, 0.3821, 0.3176 by changing the saturation by 10% instead.


 52.9312, 0.3821,
0.3176

 52.9312, 0.3821,
0.3176

398.0211, 0.3479,
0.3238

 37.7478, 0.3905,
0.3159


 94.5031, 0.3698,
0.3199

 25.7870, 0.4011,
0.3137


 121.6605, 0.3651,
0.3208

 16.6644, 0.4150,
0.3107


153.5780, 0.3612,
0.3215

 9.9955, 0.4341,
0.3063

190.6400, 0.3578,
0.3221

 5.3960, 0.4616,
0.2994

233.2309, 0.3548,
0.3226

 2.4814, 0.5045,
0.2875

281.7351, 0.3522,

 0.8673, 0.5957,

0.3231

0.2714

336.5371, 0.3499,
0.3234

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9312, 0.3821,
0.3176

52.9312, 0.3821,
0.3176

43.5106, 0.4138,
0.3143

64.3334, 0.3560,
0.3211

35.9772, 0.4516,
0.3117

77.8433, 0.3350,
0.3246

30.1974, 0.4943,
0.3103

93.5525, 0.3181,
0.3278

26.0290, 0.5391,
0.3109

100.0000, 0.3127,
0.3290

■ 23.3074, 0.5806,
0.3138

■ 21.8324, 0.6129,
0.3191

■ 21.3682, 0.6267,
0.3226

Harmonies

Analogous

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



52.9312, 0.3418, 0.2855



52.9312, 0.3821, 0.3176



52.9312, 0.4025, 0.3540

Triad

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



52.9312, 0.3821, 0.3176



52.9312, 0.3246, 0.4070



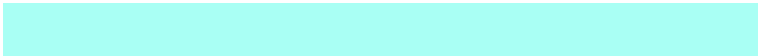
52.9312, 0.2342, 0.2658

Complementary

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



52.9312, 0.3821, 0.3176



86.4823, 0.2699, 0.3411

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.



52.9312, 0.2305, 0.2935



52.9312, 0.3821, 0.3176



52.9312, 0.2806, 0.3791

Square

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



52.9312, 0.3821, 0.3176



52.9312, 0.3673, 0.4086



52.9312, 0.2468, 0.3354



52.9312, 0.2570, 0.2560

Rectangle

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



52.9312, 0.3821, 0.3176



52.9312, 0.4014, 0.3771



52.9312, 0.2468, 0.3354



52.9312, 0.2308, 0.2731

Sweetspot

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



52.9244, 0.3821, 0.3176



83.4459, 0.3283, 0.3258



54.7377, 0.3075, 0.2426



17.4017, 0.3307, 0.3253



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.



52.9244, 0.3821, 0.3176



46.7988, 0.4013, 0.3155



65.6739, 0.3813, 0.3620



18.0250, 0.3274, 0.3260



11.1770, 0.6241, 0.3212



1.0995, 0.5992, 0.3074

Inverse Universe

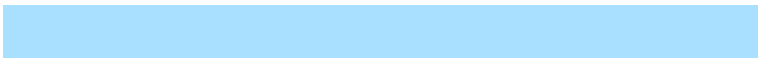
The Inverse Universe completely reimagines the original color for something new.



52.9244, 0.3821, 0.3176



46.7988, 0.4013, 0.3155



68.6739, 0.2601, 0.2932



18.0250, 0.3274, 0.3260



11.1770, 0.6241, 0.3212



1.0995, 0.5992, 0.3074

Previews

White Background



This preview shows how the Yxy color 52.9312, 0.3821, 0.3176 looks on a white background.

Color Contrast Check

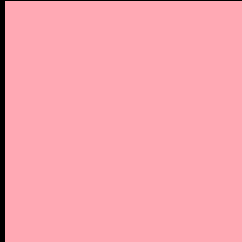
Large Text (above 18pt) WCAG AA × Fail

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 52.9312, 0.3821, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

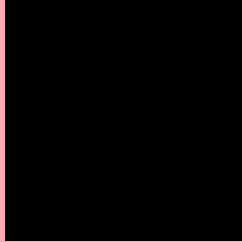
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9312, 0.3821, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 52.9312, 0.3821, 0.3176.



This preview shows how white text looks on a background with the Yxy color 52.9312, 0.3821, 0.3176.

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

52.9312, 0.3821, 0.3176

Protanopia

53.2853, 0.3152, 0.3278

Deuteranopia

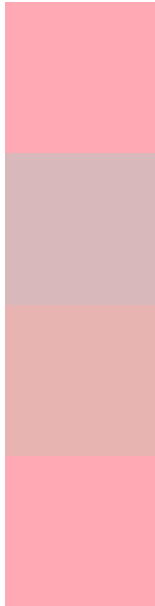
53.0438, 0.3466, 0.3397



Tritanopia

53.0133, 0.3802, 0.3155

Trichromacy



Original Color

52.9312, 0.3821, 0.3176

Protanomaly

52.6635, 0.3377, 0.3244

Deuteranomaly

52.8458, 0.3594, 0.3314

Tritanomaly

52.9721, 0.3811, 0.3166

Monochromacy



Original Color

52.9312, 0.3821, 0.3176

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.5872, 0.3358, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9312, 0.3821, 0.3176 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, 169, 180)` looks like.

```
.text, #text, p{  
  color:rgb(255, 169, 180)  
}
```

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, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.9312, 0.3821, 0.3176 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, 169, 180) }
```

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

```
.border{ border-color:rgb(255, 169, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9312, 0.3821, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 180) }
```

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

```
.background{ background-color: rgb(255,  
169, 180) }
```

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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