

Converting Colors

$Yxy(66.6868, 0.4184, 0.3139)$

Have a look what the booklet for
Yxy(66.6868, 0.4184, 0.3139)
contains.

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Color

Yxy(54.4828, 0.3719, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FFACBE
RGB	255, 172, 190
RGB Percent	100%, 67%, 75%
CMY	0.0000, 0.3255, 0.2548
CMYK	0.00, 0.33, 0.25, 0.00
HSL	347°, 100%, 84%
HSV	347°, 33%, 100%
XYZ	65.2986, 54.4828, 55.7997
YIQ	198.8690, 43.6900, 23.1940

Conversions

Conversions Part 2

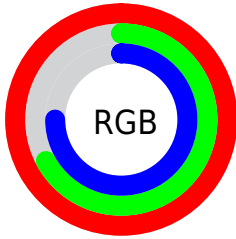
Format	Color
R _Y B	255, 172, 190
Decimal	16755902
CIE Lab	78.74, 32.82, 3.30
CIE LCh	79, 32.982, 5.742
Yxy	54.4828, 0.3719, 0.3103
Android (android.graphics.Color)	4294945982 (0xFFFFACBE)
YUV	198.8690, -4.3724, 49.2269
Hunter-Lab	73.8125, 28.7392, 6.8475

Details

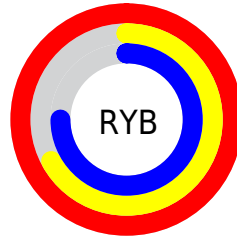
The Yxy color **54.4828, 0.3719, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4016, 0.2748, 0.3489**, and the grayscale version is **57.0312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4006, 0.3197, 0.3114**, and **26.8701, 0.3877, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **44.8723, 0.3994, 0.3045**, and if you desaturate by 10%, it is **66.0656, 0.3492, 0.3163**.

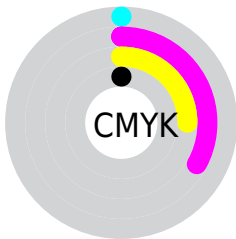
Distribution



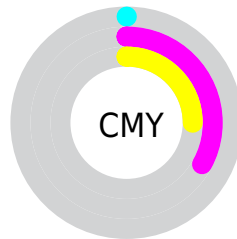
- Red (100%)
- Green (67%)
- Blue (75%)



- Red (100%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4828, 0.3719, 0.3103 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 54.4828, 0.3719, 0.3103 by changing the saturation by 10% instead.


 54.4828, 0.3719,
0.3103

 54.4828, 0.3719,
0.3103


403.9484, 0.3430,
0.3197

 38.9878, 0.3789,
0.3080


 96.7828, 0.3615,
0.3137

 26.7502, 0.3878,
0.3050


124.3565, 0.3576,
0.3150

 17.3857, 0.3994,
0.3010


156.7253, 0.3543,
0.3161

 10.5099, 0.4152,
0.2956

194.2735, 0.3514,
0.3170

 5.7383, 0.4379,
0.2875

237.3855, 0.3489,
0.3178

 2.6866, 0.4730,
0.2747

286.4457, 0.3467,

 0.9704, 0.5349,

0.3185

0.2516

341.8386, 0.3447,
0.3191

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4828, 0.3719,
0.3103

54.4828, 0.3719,
0.3103

44.8723, 0.3994,
0.3045

66.0656, 0.3492,
0.3163

37.1364, 0.4323,
0.2996

79.7376, 0.3309,
0.3221

31.1476, 0.4700,
0.2963

95.5898, 0.3160,
0.3277

26.7681, 0.5108,
0.2956

100.0000, 0.3127,
0.3290

■ 23.8396, 0.5512,
0.2985

■ 22.1707, 0.5864,
0.3053

■ 21.5396, 0.6070,
0.3118

Harmonies

Analogous

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



54.4828, 0.3305, 0.2810



54.4828, 0.3719, 0.3103



54.4828, 0.3969, 0.3452

Triad

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



54.4828, 0.3719, 0.3103



54.4828, 0.3344, 0.4067



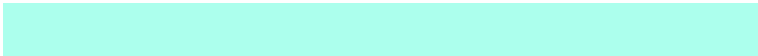
54.4828, 0.2343, 0.2727

Complementary

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



54.4828, 0.3719, 0.3103



86.4016, 0.2748, 0.3489

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.



54.4828, 0.2352, 0.3033



54.4828, 0.3719, 0.3103



54.4828, 0.2911, 0.3853

Square

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



54.4828, 0.3719, 0.3103



54.4828, 0.3736, 0.4027



54.4828, 0.2553, 0.3454



54.4828, 0.2523, 0.2591

Rectangle

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



54.4828, 0.3719, 0.3103



54.4828, 0.3999, 0.3682



54.4828, 0.2553, 0.3454



54.4828, 0.2324, 0.2812

Sweetspot

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



54.4782, 0.3719, 0.3103



83.5761, 0.3268, 0.3236



54.4893, 0.3012, 0.2440



17.4329, 0.3290, 0.3228



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.



54.4782, 0.3719, 0.3103



48.0666, 0.3890, 0.3065



62.8763, 0.3811, 0.3523



18.0517, 0.3260, 0.3239



11.2727, 0.6033, 0.3097



1.1129, 0.5728, 0.2929

Inverse Universe

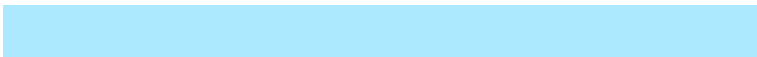
The Inverse Universe completely reimagines the original color for something new.



54.4782, 0.3719, 0.3103



48.0666, 0.3890, 0.3065



74.1893, 0.2631, 0.3042



18.0517, 0.3260, 0.3239



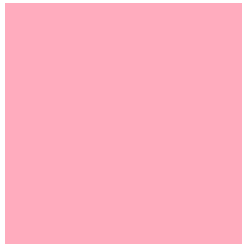
11.2727, 0.6033, 0.3097



1.1129, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 54.4828, 0.3719, 0.3103 looks on a white background.

Color Contrast Check

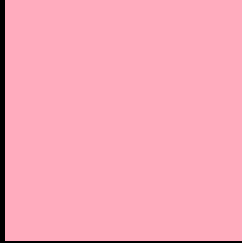
Large Text (above 18pt) WCAG AA × Fail

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 54.4828, 0.3719, 0.3103 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 54.4828, 0.3719, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 54.4828, 0.3719, 0.3103.



This preview shows how white text looks on a background with the Yxy color 54.4828, 0.3719, 0.3103.

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

54.4828, 0.3719, 0.3103

Protanopia

54.7657, 0.3085, 0.3182

Deuteranopia

54.7348, 0.3378, 0.3314



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.4828, 0.3719, 0.3103



Protanomaly

54.1005, 0.3301, 0.3152



Deuteranomaly

54.4867, 0.3501, 0.3235



Tritanomaly

54.7350, 0.3744, 0.3145

Monochromacy



Original Color

54.4828, 0.3719, 0.3103



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4408, 0.3322, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4828, 0.3719, 0.3103 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, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 190)  
}
```

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, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.4828, 0.3719, 0.3103 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, 172, 190) }
```

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

```
.border{ border-color:rgb(255, 172, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4828, 0.3719, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 190) }
```

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

```
.background{ background-color: rgb(255,  
172, 190) }
```

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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