

Converting Colors

Yxy(54.2119, 0.3761, 0.3148)

Have a look what the booklet for
Yxy(54.2119, 0.3761, 0.3148)
contains.

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Color

Yxy(54.3102, 0.3756, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FFACBA
RGB	255, 172, 186
RGB Percent	100%, 67%, 73%
CMY	0.0000, 0.3255, 0.2706
CMYK	0.00, 0.33, 0.27, 0.00
HSL	350°, 100%, 84%
HSV	350°, 33%, 100%
XYZ	64.8614, 54.3102, 53.5158
YIQ	198.4130, 44.9740, 21.9500

Conversions

Conversions Part 2

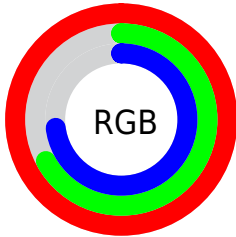
Format	Color
R _Y B	255, 172, 186
Decimal	16755898
CIE Lab	78.64, 32.26, 5.34
CIE LCh	79, 32.701, 9.400
Yxy	54.3102, 0.3756, 0.3145
Android (android.graphics.Color)	4294945978 (0xFFFFACBA)
YUV	198.4130, -6.1196, 49.6268
Hunter-Lab	73.6955, 28.1357, 8.5319

Details

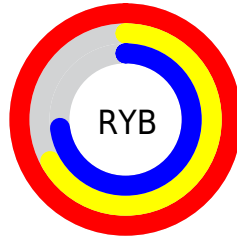
The Yxy color **54.3102, 0.3756, 0.3145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.6410, 0.2728, 0.3443**, and the grayscale version is **56.7508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1576, 0.3223, 0.3153**, and **26.7574, 0.3928, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **44.6800, 0.4051, 0.3101**, and if you desaturate by 10%, it is **65.9324, 0.3514, 0.3191**.

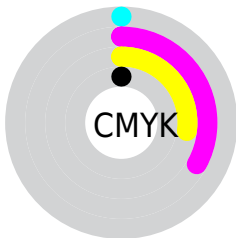
Distribution



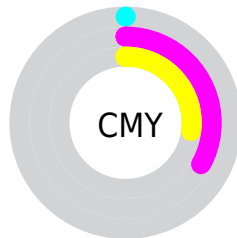
- Red (100%)
- Green (67%)
- Blue (73%)



- Red (100%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3102, 0.3756, 0.3145 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 54.3102, 0.3756, 0.3145 by changing the saturation by 10% instead.


 54.3102, 0.3756,
0.3145

 54.3102, 0.3756,
0.3145


403.2918, 0.3448,
0.3220

 38.8497, 0.3831,
0.3126


 96.5296, 0.3645,
0.3173

 26.6428, 0.3926,
0.3101


124.0572, 0.3604,
0.3183

 17.3052, 0.4050,
0.3067


156.3761, 0.3568,
0.3191

 10.4523, 0.4219,
0.3020

193.8705, 0.3537,
0.3199

 5.6999, 0.4463,
0.2949

236.9249, 0.3511,
0.3205

 2.6635, 0.4840,
0.2832

285.9236, 0.3487,

 0.9587, 0.5538,

0.3211

0.2629

341.2511, 0.3466,
0.3216

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3102, 0.3756,
0.3145

54.3102, 0.3756,
0.3145

44.6800, 0.4051,
0.3101

65.9324, 0.3514,
0.3191

36.9350, 0.4402,
0.3063

79.6562, 0.3319,
0.3237

30.9490, 0.4805,
0.3040

95.5764, 0.3162,
0.3280

26.5833, 0.5236,
0.3040

100.0000, 0.3127,
0.3290

■ 23.6777, 0.5653,
0.3069

■ 22.0393, 0.6000,
0.3129

■ 21.4345, 0.6189,
0.3183

Harmonies

Analogous

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



54.3102, 0.3358, 0.2844



54.3102, 0.3756, 0.3145



54.3102, 0.3977, 0.3494

Triad

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



54.3102, 0.3756, 0.3145



54.3102, 0.3290, 0.4049



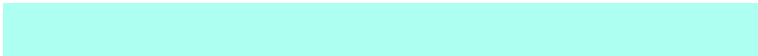
54.3102, 0.2360, 0.2706

Complementary

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



54.3102, 0.3756, 0.3145



86.6410, 0.2728, 0.3443

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.



54.3102, 0.2346, 0.2990



54.3102, 0.3756, 0.3145



54.3102, 0.2864, 0.3807

Square

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



54.3102, 0.3756, 0.3145



54.3102, 0.3690, 0.4039



54.3102, 0.2524, 0.3399



54.3102, 0.2561, 0.2591

Rectangle

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



54.3102, 0.3756, 0.3145



54.3102, 0.3986, 0.3719



54.3102, 0.2524, 0.3399



54.3102, 0.2334, 0.2783

Sweetspot

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



54.3083, 0.3756, 0.3145



83.5048, 0.3276, 0.3248



55.2105, 0.3045, 0.2448



17.4158, 0.3299, 0.3242



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.



54.3083, 0.3756, 0.3145



47.8772, 0.3939, 0.3116



64.7547, 0.3797, 0.3566



18.0371, 0.3268, 0.3250



11.2145, 0.6157, 0.3165



1.1052, 0.5876, 0.3011

Inverse Universe

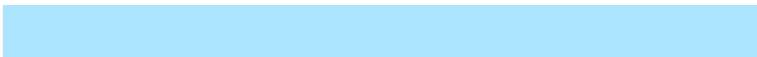
The Inverse Universe completely reimagines the original color for something new.



54.3083, 0.3756, 0.3145



47.8772, 0.3939, 0.3116



71.8713, 0.2625, 0.2994



18.0371, 0.3268, 0.3250



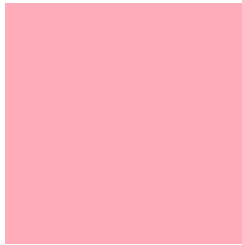
11.2145, 0.6157, 0.3165



1.1052, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 54.3102, 0.3756, 0.3145 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 54.3102, 0.3756, 0.3145 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 54.3102, 0.3756, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 54.3102, 0.3756, 0.3145.



This preview shows how white text looks on a background with the Yxy color 54.3102, 0.3756, 0.3145.

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

54.3102, 0.3756, 0.3145

Protanopia

54.5311, 0.3121, 0.3242

Deuteranopia

54.2908, 0.3421, 0.3349



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.3102, 0.3756, 0.3145



Protanomaly

53.9183, 0.3334, 0.3198



Deuteranomaly

53.9055, 0.3537, 0.3269



Tritanomaly

54.2678, 0.3765, 0.3156

Monochromacy



Original Color

54.3102, 0.3756, 0.3145



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.3503, 0.3338, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3102, 0.3756, 0.3145 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 54.3102, 0.3756, 0.3145 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, 186) }
```

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

```
.border{ border-color:rgb(255, 172, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 172, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 172, 186); box-shadow:4px 4px 4px 4px rgb(255, 172, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3102, 0.3756, 0.3145 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
172, 186) }
```

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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