

Converting Colors

Yxy(62.2712, 0.4090, 0.3194)

Have a look what the booklet for
Yxy(62.2712, 0.4090, 0.3194)
contains.

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Color

Yxy(54.6078, 0.3771, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FFADB8
RGB	255, 173, 184
RGB Percent	100%, 68%, 72%
CMY	0.0000, 0.3216, 0.2783
CMYK	0.00, 0.32, 0.28, 0.00
HSL	352°, 100%, 84%
HSV	352°, 32%, 100%
XYZ	64.8382, 54.6078, 52.4930
YIQ	198.7720, 45.3410, 20.8050

Conversions

Conversions Part 2

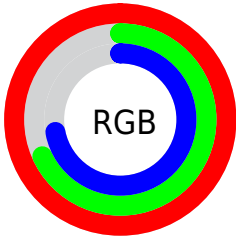
Format	Color
R _Y B	255, 173, 184
Decimal	16756152
CIE Lab	78.81, 31.47, 6.65
CIE LCh	79, 32.161, 11.935
Yxy	54.6078, 0.3771, 0.3176
Android (android.graphics.Color)	4294946232 (0xFFFFADB8)
YUV	198.7720, -7.2826, 49.3120
Hunter-Lab	73.8971, 27.2981, 9.6112

Details

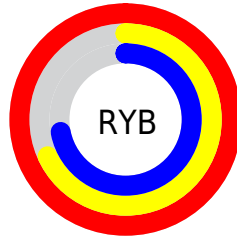
The Yxy color **54.6078, 0.3771, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.9326, 0.2719, 0.3410**, and the grayscale version is **56.9941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5899, 0.3236, 0.3182**, and **26.9420, 0.3950, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **44.8917, 0.4077, 0.3141**, and if you desaturate by 10%, it is **66.3396, 0.3521, 0.3213**.

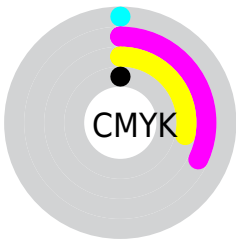
Distribution



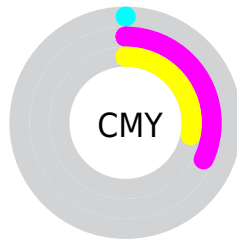
- Red (100%)
- Green (68%)
- Blue (72%)



- Red (100%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6078, 0.3771, 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 54.6078, 0.3771, 0.3176 by changing the saturation by 10% instead.


 54.6078, 0.3771,
0.3176

 54.6078, 0.3771,
0.3176

404.4235, 0.3455,
0.3237

 39.0878, 0.3848,
0.3160


 96.9661, 0.3658,
0.3199

 26.8280, 0.3945,
0.3139


124.5732, 0.3615,
0.3207

 17.4441, 0.4072,
0.3110


156.9780, 0.3578,
0.3214

 10.5516, 0.4245,
0.3070

194.5651, 0.3547,
0.3220

 5.7662, 0.4494,
0.3007

237.7188, 0.3520,
0.3225

 2.7035, 0.4880,
0.2900

286.8235, 0.3496,

 0.9789, 0.5613,

0.3229

0.2724

342.2636, 0.3474,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6078, 0.3771,
0.3176

54.6078, 0.3771,
0.3176

44.8917, 0.4077,
0.3141

66.3396, 0.3521,
0.3213

37.0703, 0.4442,
0.3112

80.1836, 0.3320,
0.3249

31.0218, 0.4860,
0.3094

96.2394, 0.3158,
0.3283

26.6070, 0.5305,
0.3096

99.9997, 0.3127,
0.3290

■ 23.6656, 0.5729,
0.3122

■ 22.0048, 0.6072,
0.3173

■ 21.3771, 0.6256,
0.3220

Harmonies

Analogous

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



54.6078, 0.3391, 0.2873



54.6078, 0.3771, 0.3176



54.6078, 0.3969, 0.3520

Triad

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



54.6078, 0.3771, 0.3176



54.6078, 0.3252, 0.4023



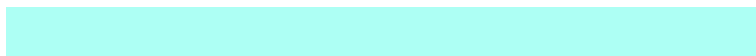
54.6078, 0.2383, 0.2700

Complementary

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



54.6078, 0.3771, 0.3176



86.9326, 0.2719, 0.3410

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.



54.6078, 0.2353, 0.2967



54.6078, 0.3771, 0.3176



54.6078, 0.2836, 0.3768

Square

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



54.6078, 0.3771, 0.3176



54.6078, 0.3651, 0.4035



54.6078, 0.2513, 0.3362



54.6078, 0.2595, 0.2601

Rectangle

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



54.6078, 0.3771, 0.3176



54.6078, 0.3963, 0.3739



54.6078, 0.2513, 0.3362



54.6078, 0.2352, 0.2771

Sweetspot

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



54.6104, 0.3771, 0.3176



83.4551, 0.3282, 0.3257



56.1093, 0.3068, 0.2464



17.4039, 0.3306, 0.3252



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.



54.6104, 0.3771, 0.3176



47.7485, 0.3974, 0.3152



66.3779, 0.3777, 0.3590



18.0269, 0.3273, 0.3258



11.1823, 0.6229, 0.3205



1.1004, 0.5973, 0.3064

Inverse Universe

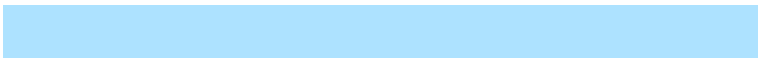
The Inverse Universe completely reimagines the original color for something new.



54.6104, 0.3771, 0.3176



47.7485, 0.3974, 0.3152



70.6604, 0.2627, 0.2967



18.0269, 0.3273, 0.3258



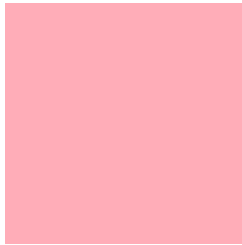
11.1823, 0.6229, 0.3205



1.1004, 0.5973, 0.3064

Previews

White Background



This preview shows how the Yxy color 54.6078, 0.3771, 0.3176 looks on a white background.

Color Contrast Check

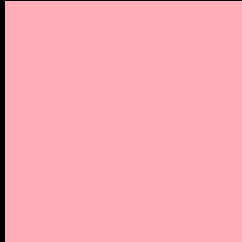
Large Text (above 18pt) WCAG AA × Fail

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 54.6078, 0.3771, 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 54.6078, 0.3771, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 54.6078, 0.3771, 0.3176.



This preview shows how white text looks on a background with the Yxy color 54.6078, 0.3771, 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

54.6078, 0.3771, 0.3176

Protanopia

55.1578, 0.3152, 0.3278

Deuteranopia

54.9470, 0.3452, 0.3384



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.6078, 0.3771, 0.3176



Protanomaly

54.4065, 0.3357, 0.3233



Deuteranomaly

54.5680, 0.3570, 0.3303



Tritanomaly

54.6499, 0.3762, 0.3166

Monochromacy



Original Color

54.6078, 0.3771, 0.3176



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7820, 0.3337, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6078, 0.3771, 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, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 184)  
}
```

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, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 184) }
```

Border

The CSS property to change the border of an element to Yxy 54.6078, 0.3771, 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, 173, 184) }
```

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

```
.border{ border-color:rgb(255, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6078, 0.3771, 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, 173, 184) }
```

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

```
.background{ background-color: rgb(255,  
173, 184) }
```

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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