

Converting Colors

$Y_{xy}(58.6786, 0.3680, 0.3200)$

Have a look what the booklet for
Yxy(58.6786, 0.3680, 0.3200)
contains.

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Color

Yxy(58.4775, 0.3684, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6BF
RGB	255, 182, 191
RGB Percent	100%, 71%, 75%
CMY	0.0001, 0.2862, 0.2511
CMYK	0.00, 0.29, 0.25, 0.00
HSL	353°, 100%, 86%
HSV	353°, 29%, 100%
XYZ	67.3643, 58.4775, 57.0146
YIQ	204.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

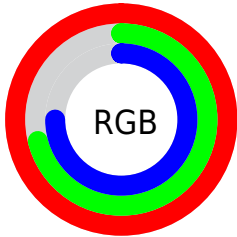
Format	Color
R _Y B	255, 182, 191
Decimal	16758463
CIE Lab	81.00, 27.67, 6.04
CIE LCh	81, 28.327, 12.321
Yxy	58.4775, 0.3684, 0.3198
Android (android.graphics.Color)	4294948543 (0xFFFFB6BF)
YUV	204.8530, -6.8295, 43.9789
Hunter-Lab	76.4706, 23.4204, 9.3242

Details

The Yxy color **58.4775, 0.3684, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1092, 0.2755, 0.3386**, and the grayscale version is **60.9777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1245, 0.3184, 0.3203**, and **29.1436, 0.3829, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **48.0582, 0.3974, 0.3165**, and if you desaturate by 10%, it is **70.9541, 0.3449, 0.3232**.

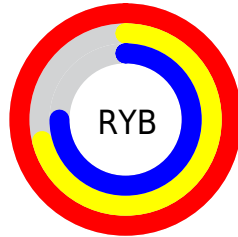
Distribution



Red (100%)

Green (71%)

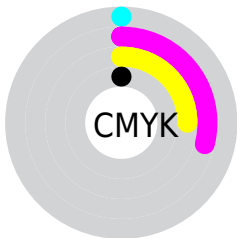
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

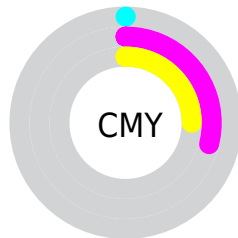


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4775, 0.3684, 0.3198 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 58.4775, 0.3684, 0.3198 by changing the saturation by 10% instead.


 58.4775, 0.3684,
0.3198

 58.4775, 0.3684,
0.3198


418.9629, 0.3414,
0.3246

 42.1927, 0.3749,
0.3185

 102.6179, 0.3588,
0.3216

 29.2522, 0.3830,
0.3169


131.2422, 0.3551,
0.3223

 19.2717, 0.3936,
0.3147


164.7485, 0.3520,
0.3228

 11.8667, 0.4079,
0.3116

203.5211, 0.3493,
0.3233

 6.6530, 0.4283,
0.3069

247.9444, 0.3470,
0.3237

 3.2461, 0.4594,
0.2991


298.4029, 0.3449,

 1.2615, 0.5122,

0.3240

0.2842


355.2809, 0.3431,
0.3243


 0.1111, 0.8755,
0.1245

 0.0000, 0.0000,
0.0000


 58.4775, 0.3684,
0.3198


 58.4775, 0.3684,
0.3198

 48.0582, 0.3974,
0.3165


 70.9541, 0.3449,
0.3232

 39.5778, 0.4323,
0.3136

 85.5814, 0.3260,
0.3264

 32.9187, 0.4730,
0.3116

99.9961, 0.3127,
0.3290

 27.9470, 0.5175,
0.3112

■ 24.5106, 0.5616,
0.3129

■ 22.4296, 0.5992,
0.3169

■ 21.4507, 0.6249,
0.3225

■ 21.3567, 0.6276,
0.3231

Harmonies

Analogous

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



58.4775, 0.3360, 0.2931



58.4775, 0.3684, 0.3198



58.4775, 0.3851, 0.3499

Triad

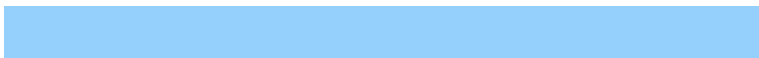
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4775, 0.3684, 0.3198



58.4775, 0.3234, 0.3914



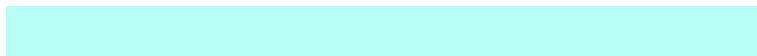
58.4775, 0.2482, 0.2779

Complementary

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



58.4775, 0.3684, 0.3198



88.1092, 0.2755, 0.3386

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.



58.4775, 0.2454, 0.3012



58.4775, 0.3684, 0.3198



58.4775, 0.2874, 0.3694

Square

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



58.4775, 0.3684, 0.3198



58.4775, 0.3578, 0.3933



58.4775, 0.2593, 0.3350



58.4775, 0.2670, 0.2691

Rectangle

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



58.4775, 0.3684, 0.3198



58.4775, 0.3846, 0.3688



58.4775, 0.2593, 0.3350



58.4775, 0.2454, 0.2841

Sweetspot

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



58.4802, 0.3684, 0.3198



84.9920, 0.3266, 0.3263



60.1398, 0.3086, 0.2559



17.7094, 0.3292, 0.3258



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.



58.4802, 0.3684, 0.3198



52.6288, 0.3833, 0.3180



70.1228, 0.3685, 0.3568



18.0234, 0.3275, 0.3261



11.1727, 0.6251, 0.3217



1.0988, 0.6008, 0.3083

Inverse Universe

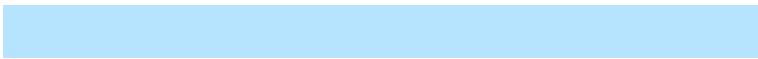
The Inverse Universe completely reimagines the original color for something new.



58.4802, 0.3684, 0.3198



52.6288, 0.3833, 0.3180



72.7778, 0.2680, 0.2993



18.0234, 0.3275, 0.3261



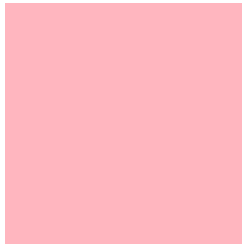
11.1727, 0.6251, 0.3217



1.0988, 0.6008, 0.3083

Previews

White Background



This preview shows how the Yxy color 58.4775, 0.3684, 0.3198 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 58.4775, 0.3684, 0.3198 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 58.4775, 0.3684, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 58.4775, 0.3684, 0.3198.



This preview shows how white text looks on a background with the Yxy color 58.4775, 0.3684, 0.3198.

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

58.4775, 0.3684, 0.3198

Protanopia

58.9695, 0.3158, 0.3290

Deuteranopia

58.8731, 0.3427, 0.3359



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.4775, 0.3684, 0.3198



Protanomaly

58.3028, 0.3340, 0.3257



Deuteranomaly

58.5491, 0.3521, 0.3291



Tritanomaly

58.6109, 0.3658, 0.3166

Monochromacy



Original Color

58.4775, 0.3684, 0.3198



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.7906, 0.3313, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4775, 0.3684, 0.3198 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, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 191)  
}
```

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, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.4775, 0.3684, 0.3198 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, 182, 191) }
```

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

```
.border{ border-color:rgb(255, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4775, 0.3684, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 191) }
```

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

```
.background{ background-color: rgb(255,  
182, 191) }
```

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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