

Converting Colors

$Y_{xy}(57.6752, 0.3773, 0.3290)$

Have a look what the booklet for
Yxy(57.6752, 0.3773, 0.3290)
contains.

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Color

Yxy(57.6439, 0.3775, 0.3292)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB5B5 |
| RGB | 255, 181, 181 |
| RGB Percent | 100%, 71%, 71% |
| CMY | 0.0000, 0.2902, 0.2902 |
| CMYK | 0.00, 0.29, 0.29, 0.00 |
| HSL | 0°, 100%, 85% |
| HSV | 0°, 29%, 100% |
| XYZ | 66.1014, 57.6439, 51.3577 |
| YIQ | 203.1260, 44.1040, 15.6880 |

Conversions

Conversions Part 2

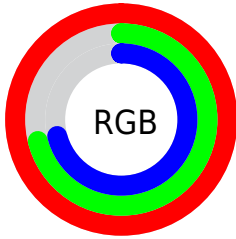
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 181, 181 |
| Decimal | 16758197 |
| CIE Lab | 80.54, 26.87, 10.76 |
| CIE LCh | 81, 28.944, 21.834 |
| Yxy | 57.6439, 0.3775, 0.3292 |
| Android (android.graphics.Color) | 4294948277 (0xFFFFB5B5) |
| YUV | 203.1260, -10.9081, 45.4935 |
| Hunter-Lab | 75.9236, 22.5413, 13.0404 |

Details

The Yxy color **57.6439, 0.3775, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5492, 0.2706, 0.3289**, and the grayscale version is **59.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9428, 0.3248, 0.3290**, and **28.8672, 0.3951, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **47.2564, 0.4112, 0.3293**, and if you desaturate by 10%, it is **70.1254, 0.3503, 0.3291**.

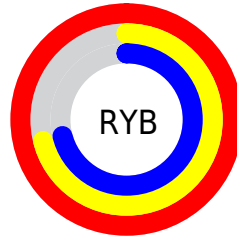
Distribution



Red (100%)

Green (71%)

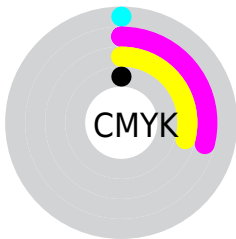
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

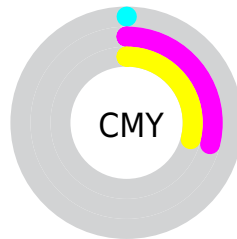


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6439, 0.3775, 0.3292 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 57.6439, 0.3775, 0.3292 by changing the saturation by 10% instead.


 57.6439, 0.3775,
0.3292

 57.6439, 0.3775,
0.3292


415.8577, 0.3460,
0.3298

 41.5224, 0.3851,
0.3289


 101.4041, 0.3662,
0.3296

 28.7275, 0.3947,
0.3283


129.8117, 0.3620,
0.3297

 18.8748, 0.4072,
0.3275


163.0833, 0.3583,
0.3297

 11.5798, 0.4241,
0.3260

201.6036, 0.3552,
0.3298

 6.4583, 0.4481,
0.3234

245.7567, 0.3524,
0.3298

 3.1257, 0.4847,
0.3179


295.9272, 0.3500,

 1.1977, 0.5554,


0.3298


0.3103

352.4994, 0.3479,
0.3298

 0.0598, 0.9226,
0.0774


 0.0000, 0.0000,
0.0000


 57.6439, 0.3775,
0.3292

 57.6439, 0.3775,
0.3292

 47.2564, 0.4112,
0.3293


 70.1254, 0.3503,
0.3291

 38.8408, 0.4517,
0.3294

 84.7981, 0.3285,
0.3291

 32.2747, 0.4980,
0.3296

99.9981, 0.3127,
0.3290

 27.4191, 0.5465,
0.3297

■ 24.1152, 0.5907,
0.3298

■ 22.1744, 0.6229,
0.3299

■ 21.3188, 0.6389,
0.3300

■ 21.2589, 0.6401,
0.3300

Harmonies

Analogous

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



57.6439, 0.3483, 0.3001



57.6439, 0.3775, 0.3292



57.6439, 0.3881, 0.3599

Triad

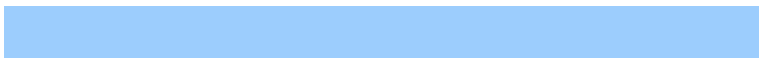
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6439, 0.3775, 0.3292



57.6439, 0.3116, 0.3880



57.6439, 0.2510, 0.2720

Complementary

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



57.6439, 0.3775, 0.3292



88.5492, 0.2706, 0.3289

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.



57.6439, 0.2427, 0.2913



57.6439, 0.3775, 0.3292



57.6439, 0.2763, 0.3600

Square

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



57.6439, 0.3775, 0.3292



57.6439, 0.3486, 0.3967



57.6439, 0.2516, 0.3234



57.6439, 0.2750, 0.2680

Rectangle

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



57.6439, 0.3775, 0.3292



57.6439, 0.3829, 0.3778



57.6439, 0.2516, 0.3234



57.6439, 0.2464, 0.2768

Sweetspot

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



57.6466, 0.3775, 0.3292



84.8324, 0.3285, 0.3291



61.5251, 0.3161, 0.2566



17.6705, 0.3313, 0.3291



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.



57.6466, 0.3775, 0.3292



51.1907, 0.3968, 0.3293



74.7344, 0.3667, 0.3671



17.9875, 0.3295, 0.3291



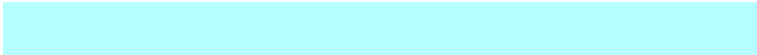
11.1095, 0.6401, 0.3300



1.0818, 0.6400, 0.3300

Inverse Universe

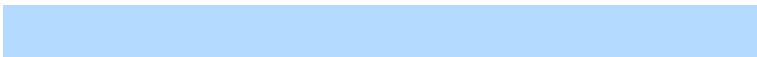
The Inverse Universe completely reimagines the original color for something new.



88.5492, 0.2706, 0.3289



86.8111, 0.2632, 0.3288



67.1832, 0.2661, 0.2875



20.4810, 0.2980, 0.3290



41.1303, 0.2246, 0.3287



4.0049, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 57.6439, 0.3775, 0.3292 looks on a white background.

Color Contrast Check

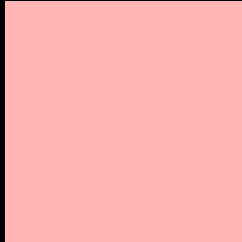
Large Text (above 18pt) WCAG AA × Fail

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 57.6439, 0.3775, 0.3292 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 57.6439, 0.3775, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 57.6439, 0.3775, 0.3292.



This preview shows how white text looks on a background with the Yxy color 57.6439, 0.3775, 0.3292.

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

57.6439, 0.3775, 0.3292

Protanopia

57.7302, 0.3242, 0.3385

Deuteranopia

57.7255, 0.3520, 0.3450



Tritanopia

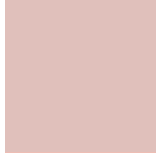
57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.6439, 0.3775, 0.3292



Protanomaly

57.1344, 0.3432, 0.3348



Deuteranomaly

57.6950, 0.3607, 0.3391



Tritanomaly

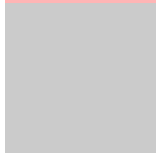
57.5766, 0.3707, 0.3198

Monochromacy



Original Color

57.6439, 0.3775, 0.3292



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.4999, 0.3346, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6439, 0.3775, 0.3292 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, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 181)  
}
```

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, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 181) }
```

Border

The CSS property to change the border of an element to Yxy 57.6439, 0.3775, 0.3292 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, 181, 181) }
```

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

```
.border{ border-color:rgb(255, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6439, 0.3775, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 181) }
```

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

```
.background{ background-color: rgb(255,  
181, 181) }
```

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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