

Converting Colors

$Y_{xy}(58.5718, 0.3743, 0.3281)$

Have a look what the booklet for
Yxy(58.5718, 0.3743, 0.3281)
contains.

Yxy(58.5877, 0.3743, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.5877, 0.3743, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B8
RGB	255, 183, 184
RGB Percent	100%, 72%, 72%
CMY	0.0000, 0.2824, 0.2784
CMYK	0.00, 0.28, 0.28, 0.00
HSL	359°, 100%, 86%
HSV	359°, 28%, 100%
XYZ	66.8375, 58.5877, 53.1414
YIQ	204.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

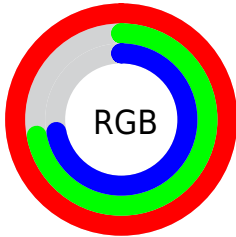
Format	Color
R _Y B	255, 183, 184
Decimal	16758712
CIE Lab	81.06, 26.25, 9.89
CIE LCh	81, 28.047, 20.639
Yxy	58.5877, 0.3743, 0.3281
Android (android.graphics.Color)	4294948792 (0xFFFFB7B8)
YUV	204.6420, -10.1765, 44.1640
Hunter-Lab	76.5426, 21.9178, 12.4164

Details

The Yxy color **58.5877, 0.3743, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7395, 0.2721, 0.3300**, and the grayscale version is **60.8516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2843, 0.3227, 0.3281**, and **29.2095, 0.3910, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **48.0380, 0.4069, 0.3278**, and if you desaturate by 10%, it is **71.2203, 0.3479, 0.3284**.

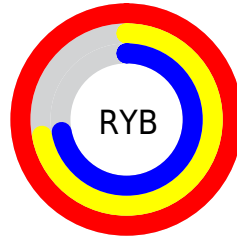
Distribution



Red (100%)

Green (72%)

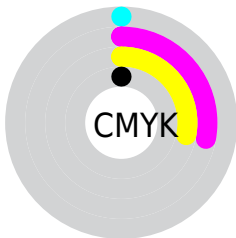
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

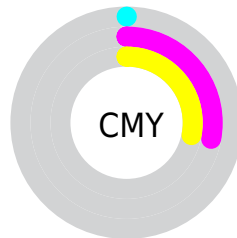


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5877, 0.3743, 0.3281 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 58.5877, 0.3743, 0.3281 by changing the saturation by 10% instead.


 58.5877, 0.3743,
0.3281

 58.5877, 0.3743,
0.3281

419.3723, 0.3444,
0.3292

 42.2813, 0.3815,
0.3277


 102.7782, 0.3636,
0.3286

 29.3216, 0.3905,
0.3271


131.4311, 0.3596,
0.3288

 19.3243, 0.4023,
0.3261


164.9683, 0.3561,
0.3289

 11.9048, 0.4182,
0.3246

203.7741, 0.3531,
0.3290

 6.6789, 0.4407,
0.3219

248.2331, 0.3505,
0.3290

 3.2621, 0.4751,
0.3167

298.7295, 0.3482,

 1.2701, 0.5371,

0.3291

0.3074

355.6477, 0.3462,
0.3291

0.1178, 0.8646,
0.1354

0.0000, 0.0000,
0.0000

58.5877, 0.3743,
0.3281

58.5877, 0.3743,
0.3281

48.0380, 0.4069,
0.3278

71.2203, 0.3479,
0.3284

39.4730, 0.4463,
0.3276

86.0550, 0.3268,
0.3287

32.7644, 0.4916,
0.3275

100.0000, 0.3127,
0.3290

27.7747, 0.5399,
0.3277

■ 24.3478, 0.5849,
0.3281

■ 22.2988, 0.6190,
0.3288

■ 21.3751, 0.6370,
0.3294

■ 21.2680, 0.6391,
0.3294

Harmonies

Analogous

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



58.5877, 0.3457, 0.3001



58.5877, 0.3743, 0.3281



58.5877, 0.3853, 0.3578

Triad

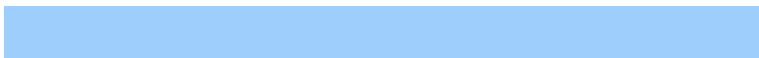
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5877, 0.3743, 0.3281



58.5877, 0.3131, 0.3865



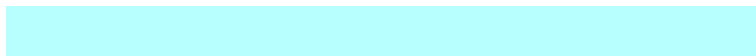
58.5877, 0.2525, 0.2745

Complementary

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



58.5877, 0.3743, 0.3281



88.7395, 0.2721, 0.3300

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.



58.5877, 0.2451, 0.2938



58.5877, 0.3743, 0.3281



58.5877, 0.2788, 0.3602

Square

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



58.5877, 0.3743, 0.3281



58.5877, 0.3487, 0.3941



58.5877, 0.2544, 0.3251



58.5877, 0.2751, 0.2699

Rectangle

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



58.5877, 0.3743, 0.3281



58.5877, 0.3810, 0.3752



58.5877, 0.2544, 0.3251



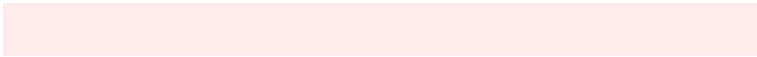
58.5877, 0.2482, 0.2793

Sweetspot

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



58.5828, 0.3743, 0.3281



86.4398, 0.3264, 0.3288



62.1145, 0.3151, 0.2583



17.9913, 0.3292, 0.3287



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.



58.5828, 0.3743, 0.3281



52.2611, 0.3922, 0.3279



74.7138, 0.3653, 0.3648



17.9913, 0.3292, 0.3287



11.1148, 0.6386, 0.3292



1.0836, 0.6351, 0.3273

Inverse Universe

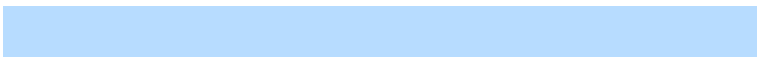
The Inverse Universe completely reimagines the original color for something new.



58.5828, 0.3743, 0.3281



52.2611, 0.3922, 0.3279



68.5736, 0.2675, 0.2902



17.9913, 0.3292, 0.3287



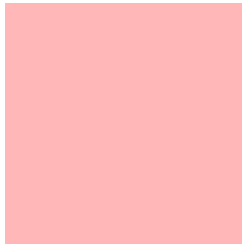
11.1148, 0.6386, 0.3292



1.0836, 0.6351, 0.3273

Previews

White Background



This preview shows how the Yxy color 58.5877, 0.3743, 0.3281 looks on a white background.

Color Contrast Check

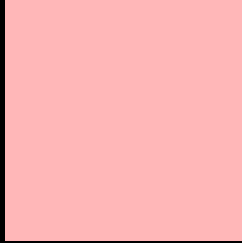
Large Text (above 18pt) WCAG AA × Fail

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 58.5877, 0.3743, 0.3281 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 58.5877, 0.3743, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 58.5877, 0.3743, 0.3281.



This preview shows how white text looks on a background with the Yxy color 58.5877, 0.3743, 0.3281.

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

58.5877, 0.3743, 0.3281

Protanopia

58.9337, 0.3225, 0.3373

Deuteranopia

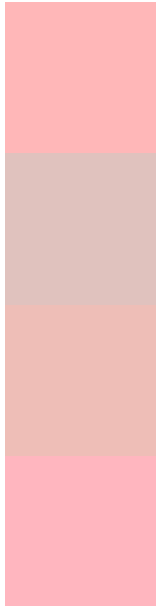
58.4550, 0.3502, 0.3427



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.5877, 0.3743, 0.3281

Protanomaly

58.1486, 0.3404, 0.3336

Deuteranomaly

58.4230, 0.3587, 0.3368

Tritanomaly

58.4775, 0.3684, 0.3198

Monochromacy



Original Color

58.5877, 0.3743, 0.3281

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.6517, 0.3336, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5877, 0.3743, 0.3281 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, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 184) }
```

Border

The CSS property to change the border of an element to Yxy 58.5877, 0.3743, 0.3281 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, 183, 184) }
```

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

```
.border{ border-color:rgb(255, 183, 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, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5877, 0.3743, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 184) }
```

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

```
.background{ background-color: rgb(255,  
183, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor