

Converting Colors

Yxy(61.6730, 0.3935, 0.3366)

Have a look what the booklet for
Yxy(61.6730, 0.3935, 0.3366)
contains.

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Color

Yxy(58.7153, 0.3801, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B1
RGB	255, 184, 177
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2784, 0.3057
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 100%, 85%
HSV	5°, 31%, 100%
XYZ	66.3230, 58.7153, 49.4500
YIQ	204.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

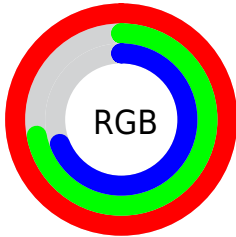
Format	Color
R _Y B	255, 185, 177
Decimal	16758961
CIE Lab	81.13, 24.80, 13.74
CIE LCh	81, 28.353, 28.991
Yxy	58.7153, 0.3801, 0.3365
Android (android.graphics.Color)	4294949041 (0xFFFFB8B1)
YUV	204.4310, -13.5235, 44.3490
Hunter-Lab	76.6259, 20.4040, 15.3758

Details

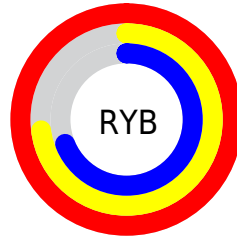
The Yxy color **58.7153, 0.3801, 0.3365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7295, 0.2677, 0.3213**, and the grayscale version is **60.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4634, 0.3271, 0.3359**, and **29.5582, 0.3985, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **48.9224, 0.4128, 0.3390**, and if you desaturate by 10%, it is **70.2817, 0.3532, 0.3339**.

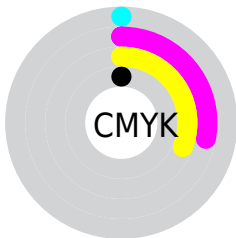
Distribution



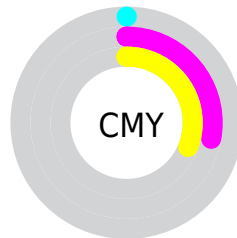
- Red (100%)
- Green (72%)
- Blue (69%)



- Red (100%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7153, 0.3801, 0.3365 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 58.7153, 0.3801, 0.3365 by changing the saturation by 10% instead.


 58.7153, 0.3801,
0.3365

 58.7153, 0.3801,
0.3365


419.8460, 0.3474,
0.3337

 42.3840, 0.3880,
0.3369


 102.9638, 0.3684,
0.3357

 29.4021, 0.3979,
0.3373


131.6497, 0.3640,
0.3353

 19.3852, 0.4107,
0.3377


165.2226, 0.3602,
0.3350

 11.9489, 0.4280,
0.3377

204.0670, 0.3569,
0.3347

 6.7089, 0.4525,
0.3370

248.5671, 0.3541,
0.3344

 3.2807, 0.4894,
0.3343

299.1074, 0.3516,

 1.2800, 0.5659,

0.3342

0.3344

356.0722, 0.3494,
0.3339

0.1256, 0.8523,
0.1477

0.0000, 0.0000,
0.0000

58.7153, 0.3801,
0.3365

58.7153, 0.3801,
0.3365

48.9224, 0.4128,
0.3390

70.2817, 0.3532,
0.3339

40.8155, 0.4517,
0.3412

83.7036, 0.3313,
0.3314

34.2991, 0.4956,
0.3426

99.0575, 0.3136,
0.3291

29.2685, 0.5417,
0.3427

100.0000, 0.3127,
0.3290

■ 25.6062, 0.5843,
0.3411

■ 23.1769, 0.6169,
0.3378

■ 21.8637, 0.6348,
0.3341

Harmonies

Analogous

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



58.7153, 0.3554, 0.3072



58.7153, 0.3801, 0.3365



58.7153, 0.3854, 0.3658

Triad

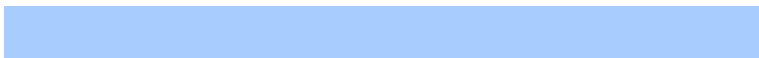
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7153, 0.3801, 0.3365



58.7153, 0.3029, 0.3813



58.7153, 0.2568, 0.2712

Complementary

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



58.7153, 0.3801, 0.3365



83.7295, 0.2677, 0.3213

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.



58.7153, 0.2449, 0.2866



58.7153, 0.3801, 0.3365



58.7153, 0.2703, 0.3510

Square

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



58.7153, 0.3801, 0.3365



58.7153, 0.3395, 0.3948



58.7153, 0.2496, 0.3154



58.7153, 0.2834, 0.2706

Rectangle

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



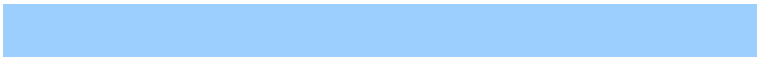
58.7153, 0.3801, 0.3365



58.7153, 0.3772, 0.3818



58.7153, 0.2496, 0.3154



58.7153, 0.2511, 0.2747

Sweetspot

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



58.7152, 0.3801, 0.3365



85.9912, 0.3283, 0.3311



59.5266, 0.3212, 0.2584



17.9529, 0.3311, 0.3314



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.



58.7152, 0.3801, 0.3365



52.2247, 0.4004, 0.3381



76.9520, 0.3682, 0.3756



18.2477, 0.3292, 0.3312



11.5121, 0.6334, 0.3353



1.2052, 0.6200, 0.3459

Inverse Universe

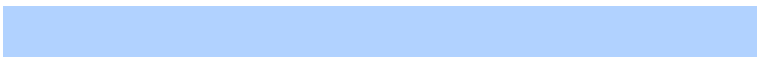
The Inverse Universe completely reimagines the original color for something new.



83.7295, 0.2677, 0.3213



81.0227, 0.2595, 0.3195



62.4278, 0.2626, 0.2773



20.1876, 0.2980, 0.3268



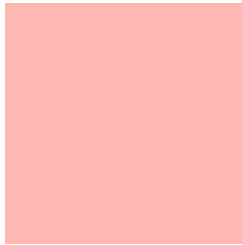
34.1114, 0.2169, 0.3007



3.3992, 0.2178, 0.3042

Previews

White Background



This preview shows how the Yxy color 58.7153, 0.3801, 0.3365 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 58.7153, 0.3801, 0.3365 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 58.7153, 0.3801, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 58.7153, 0.3801, 0.3365.



This preview shows how white text looks on a background with the Yxy color 58.7153, 0.3801, 0.3365.

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

58.7153, 0.3801, 0.3365

Protanopia

58.8738, 0.3301, 0.3468

Deuteranopia

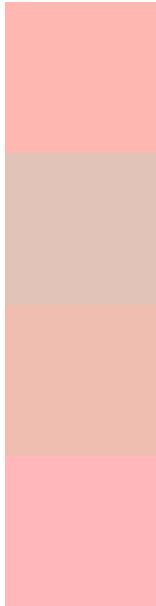
58.6676, 0.3584, 0.3505



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.7153, 0.3801, 0.3365

Protanomaly

58.6179, 0.3475, 0.3427

Deuteranomaly

58.4868, 0.3663, 0.3445

Tritanomaly

58.7578, 0.3708, 0.3239

Monochromacy



Original Color

58.7153, 0.3801, 0.3365

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5155, 0.3359, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7153, 0.3801, 0.3365 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, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 177)  
}
```

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, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.7153, 0.3801, 0.3365 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, 184, 177) }
```

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

```
.border{ border-color:rgb(255, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7153, 0.3801, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 177) }
```

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

```
.background{ background-color: rgb(255,  
184, 177) }
```

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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