

Converting Colors

$Y_{xy}(57.8059, 0.3844, 0.3391)$

Have a look what the booklet for
Yxy(57.8059, 0.3844, 0.3391)
contains.

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Color

Yxy(57.7330, 0.3843, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6AD
RGB	255, 182, 173
RGB Percent	100%, 71%, 68%
CMY	0.0000, 0.2862, 0.3216
CMYK	0.00, 0.29, 0.32, 0.00
HSL	7°, 100%, 84%
HSV	7°, 32%, 100%
XYZ	65.5057, 57.7330, 47.2159
YIQ	202.8010, 46.3970, 12.6770

Conversions

Conversions Part 2

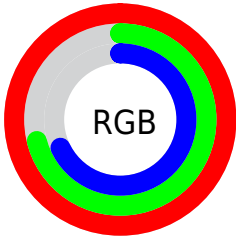
Format	Color
R _Y B	255, 183, 173
Decimal	16758445
CIE Lab	80.59, 25.32, 15.15
CIE LCh	81, 29.507, 30.900
Yxy	57.7330, 0.3843, 0.3387
Android (android.graphics.Color)	4294948525 (0xFFFFB6AD)
YUV	202.8010, -14.6919, 45.7785
Hunter-Lab	75.9822, 20.9193, 16.3443

Details

The Yxy color **57.7330, 0.3843, 0.3387** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9851, 0.2654, 0.3190**, and the grayscale version is **59.6624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0105, 0.3305, 0.3389**, and **28.9513, 0.4032, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **48.2873, 0.4175, 0.3417**, and if you desaturate by 10%, it is **68.8783, 0.3568, 0.3355**.

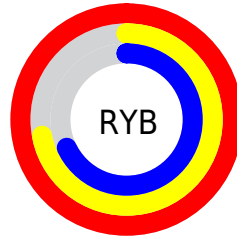
Distribution



Red (100%)

Green (71%)

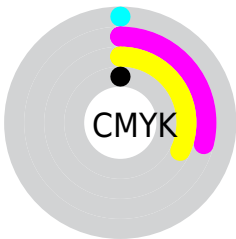
Blue (68%)



Red (100%)

Yellow (72%)

Blue (68%)

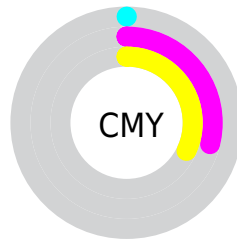


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7330, 0.3843, 0.3387 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 57.7330, 0.3843, 0.3387 by changing the saturation by 10% instead.


 57.7330, 0.3843,
0.3387

 57.7330, 0.3843,
0.3387


416.1903, 0.3494,
0.3350

 41.5940, 0.3927,
0.3393


 101.5339, 0.3719,
0.3376

 28.7835, 0.4033,
0.3399


129.9647, 0.3671,
0.3371

 18.9171, 0.4170,
0.3405


163.2615, 0.3631,
0.3367

 11.6104, 0.4356,
0.3408

201.8088, 0.3596,
0.3363

 6.4790, 0.4618,
0.3403

245.9909, 0.3566,
0.3359

 3.1385, 0.5014,
0.3375


296.1923, 0.3539,

 1.2044, 0.5944,


0.3356

0.3436


352.7973, 0.3515,
0.3353

 0.0653, 0.9124,
0.0876


 0.0000, 0.0000,
0.0000

 57.7330, 0.3843,
0.3387


 57.7330, 0.3843,
0.3387

 48.2873, 0.4175,
0.3417


 68.8783, 0.3568,
0.3355

 40.4498, 0.4566,
0.3443

 81.7924, 0.3344,
0.3325

 34.1331, 0.5004,
0.3459

 96.5506, 0.3162,
0.3296

 29.2381, 0.5457,
0.3458

99.9976, 0.3127,
0.3290

■ 25.6537, 0.5870,
0.3437

■ 23.2523, 0.6180,
0.3394

■ 22.0923, 0.6329,
0.3357

Harmonies

Analogous

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



57.7330, 0.3595, 0.3080



57.7330, 0.3843, 0.3387



57.7330, 0.3883, 0.3691

Triad

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



57.7330, 0.3843, 0.3387



57.7330, 0.3000, 0.3823



57.7330, 0.2557, 0.2681

Complementary

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



57.7330, 0.3843, 0.3387



81.9851, 0.2654, 0.3190

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.



57.7330, 0.2422, 0.2831



57.7330, 0.3843, 0.3387



57.7330, 0.2665, 0.3496

Square

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



57.7330, 0.3843, 0.3387



57.7330, 0.3382, 0.3977



57.7330, 0.2460, 0.3124



57.7330, 0.2842, 0.2686

Rectangle

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



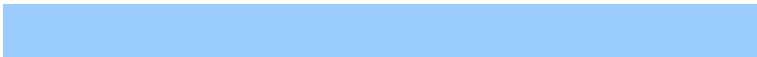
57.7330, 0.3843, 0.3387



57.7330, 0.3788, 0.3855



57.7330, 0.2460, 0.3124



57.7330, 0.2494, 0.2714

Sweetspot

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



57.7357, 0.3843, 0.3387



84.8324, 0.3301, 0.3318



57.8398, 0.3228, 0.2560



17.7336, 0.3329, 0.3322



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.



57.7357, 0.3843, 0.3387



51.1013, 0.4064, 0.3408



76.6149, 0.3712, 0.3794



18.3090, 0.3292, 0.3317



11.6476, 0.6312, 0.3370



1.2341, 0.6156, 0.3494

Inverse Universe

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



81.9851, 0.2654, 0.3190



78.9719, 0.2567, 0.3165



60.1398, 0.2597, 0.2726



20.1195, 0.2980, 0.3263



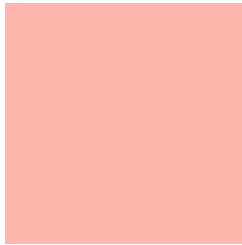
32.5910, 0.2150, 0.2939



3.2667, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 57.7330, 0.3843, 0.3387 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 57.7330, 0.3843, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

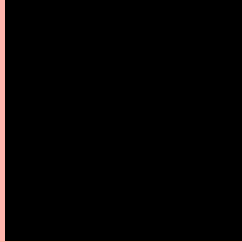
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7330, 0.3843, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 57.7330, 0.3843, 0.3387.



This preview shows how white text looks on a background with the Yxy color 57.7330, 0.3843, 0.3387.

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

57.7330, 0.3843, 0.3387

Protanopia

58.0958, 0.3324, 0.3505

Deuteranopia

57.9032, 0.3611, 0.3540



Tritanopia

57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.7330, 0.3843, 0.3387

Protanomaly

57.4022, 0.3503, 0.3451

Deuteranomaly

57.7245, 0.3691, 0.3479

Tritanomaly

57.8529, 0.3731, 0.3239

Monochromacy



Original Color

57.7330, 0.3843, 0.3387

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3656, 0.3370, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7330, 0.3843, 0.3387 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 57.7330, 0.3843, 0.3387 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, 173) }
```

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

```
.border{ border-color:rgb(255, 182, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7330, 0.3843, 0.3387 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
182, 173) }
```

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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