

Converting Colors

$Y_{xy}(62.1628, 0.4273, 0.3672)$

Have a look what the booklet for
Yxy(62.1628, 0.4273, 0.3672)
contains.

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Color

Yxy(57.5853, 0.4080, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	FFB891
RGB	255, 184, 145
RGB Percent	100%, 72%, 57%
CMY	0.0000, 0.2785, 0.4314
CMYK	0.00, 0.28, 0.43, 0.00
HSL	21°, 100%, 78%
HSV	21°, 43%, 100%
XYZ	63.4995, 57.5853, 34.5512
YIQ	200.7830, 54.8350, 2.9230

Conversions

Conversions Part 2

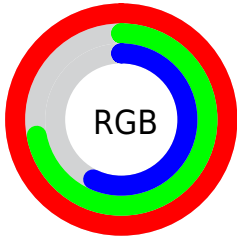
Format	Color
R _Y B	255, 205, 145
Decimal	16758929
CIE Lab	80.51, 21.12, 29.98
CIE LCh	81, 36.669, 54.836
Yxy	57.5853, 0.4080, 0.3700
Android (android.graphics.Color)	4294949009 (0xFFFFB891)
YUV	200.7830, -27.5010, 47.5483
Hunter-Lab	75.8850, 16.5675, 26.1242

Details

The Yxy color **57.5853, 0.4080, 0.3700** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3485, 0.2463, 0.2829**, and the grayscale version is **58.4107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7037, 0.3490, 0.3700**, and **28.7765, 0.4324, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **50.4370, 0.4393, 0.3786**, and if you desaturate by 10%, it is **65.6990, 0.3801, 0.3604**.

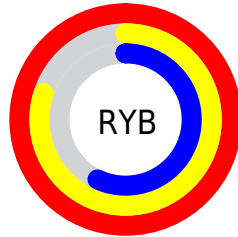
Distribution



Red (100%)

Green (72%)

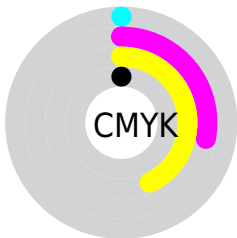
Blue (57%)



Red (100%)

Yellow (80%)

Blue (57%)

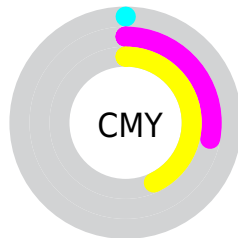


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5853, 0.4080, 0.3700 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 57.5853, 0.4080, 0.3700 by changing the saturation by 10% instead.

 57.5853, 0.4080,
0.3700


 57.5853, 0.4080,
0.3700

415.6389, 0.3619,
0.3522

 41.4753, 0.4189,
0.3736


 101.3187, 0.3917,
0.3642

 28.6907, 0.4325,
0.3777


 129.7110, 0.3854,
0.3618

 18.8470, 0.4498,
0.3824


162.9661, 0.3800,
0.3597

 11.5597, 0.4726,
0.3874

201.4685, 0.3754,
0.3579

 6.4447, 0.5032,
0.3920

245.6026, 0.3714,
0.3562

 3.1173, 0.5531,
0.3988

295.7528, 0.3678,

 1.1933, 0.6125,

0.3547

0.3875

352.3034, 0.3647,
0.3534

0.0562, 0.9101,
0.0899

0.0000, 0.0000,
0.0000

57.5853, 0.4080,
0.3700

57.5853, 0.4080,
0.3700

50.4370, 0.4393,
0.3786

65.6990, 0.3801,
0.3604

44.2251, 0.4732,
0.3852

74.8248, 0.3560,
0.3505

38.9041, 0.5081,
0.3883

84.9941, 0.3353,
0.3409

34.4280, 0.5413,
0.3869

96.2398, 0.3177,
0.3317

■ 30.7453, 0.5696, 100.0000, 0.3127,
0.3802 0.3290

■ 28.6415, 0.5856,
0.3733

Harmonies

Analogous

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



57.5853, 0.3977, 0.3321



57.5853, 0.4080, 0.3700



57.5853, 0.3907, 0.4014

Triad

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



57.5853, 0.4080, 0.3700



57.5853, 0.2627, 0.3641



57.5853, 0.2689, 0.2537

Complementary

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



57.5853, 0.4080, 0.3700



62.3485, 0.2463, 0.2829

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.



57.5853, 0.2378, 0.2562



57.5853, 0.4080, 0.3700



57.5853, 0.2342, 0.3164

Square

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



57.5853, 0.4080, 0.3700



57.5853, 0.3057, 0.4026



57.5853, 0.2257, 0.2776



57.5853, 0.3140, 0.2681

Rectangle

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



57.5853, 0.4080, 0.3700



57.5853, 0.3670, 0.4135



57.5853, 0.2257, 0.2776



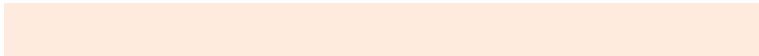
57.5853, 0.2567, 0.2525

Sweetspot

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



57.5819, 0.4080, 0.3700



85.1458, 0.3350, 0.3407



46.4910, 0.3522, 0.2565



17.7240, 0.3393, 0.3428



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.



57.5819, 0.4080, 0.3700



51.2048, 0.4355, 0.3777



84.7436, 0.3836, 0.4218



19.0407, 0.3285, 0.3375



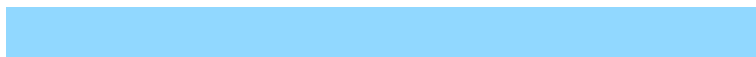
15.2197, 0.5826, 0.3756



1.6787, 0.5609, 0.3929

Inverse Universe

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



62.3485, 0.2463, 0.2829



56.4925, 0.2339, 0.2714



38.9003, 0.2347, 0.2145



19.3341, 0.2980, 0.3204



18.0488, 0.1912, 0.2083



1.9634, 0.1955, 0.2236

Previews

White Background



This preview shows how the Yxy color 57.5853, 0.4080, 0.3700 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 57.5853, 0.4080, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

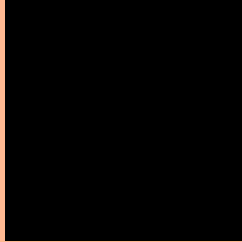
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5853, 0.4080, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 57.5853, 0.4080, 0.3700.



This preview shows how white text looks on a background with the Yxy color 57.5853, 0.4080, 0.3700.

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

57.5853, 0.4080, 0.3700

Protanopia

57.8717, 0.3605, 0.3859

Deuteranopia

57.8596, 0.3913, 0.3833



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.5853, 0.4080, 0.3700

Protanomaly

57.4115, 0.3778, 0.3803

Deuteranomaly

57.6419, 0.3970, 0.3780

Tritanomaly

57.4029, 0.3829, 0.3355

Monochromacy



Original Color

57.5853, 0.4080, 0.3700

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7386, 0.3449, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5853, 0.4080, 0.3700 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 145) }
```

Border

The CSS property to change the border of an element to Yxy 57.5853, 0.4080, 0.3700 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, 145) }
```

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

```
.border{ border-color:rgb(255, 184, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5853, 0.4080, 0.3700 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
184, 145) }
```

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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