

Converting Colors

$Y_{xy}(79.1155, 0.4748, 0.3572)$

Have a look what the booklet for
Yxy(79.1155, 0.4748, 0.3572)
contains.

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Color

Yxy(57.6476, 0.4062, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	FFB893
RGB	255, 184, 147
RGB Percent	100%, 72%, 58%
CMY	0.0002, 0.2783, 0.4236
CMYK	0.00, 0.28, 0.42, 0.00
HSL	21°, 100%, 79%
HSV	21°, 42%, 100%
XYZ	63.6317, 57.6476, 35.3718
YIQ	201.0110, 54.1930, 3.5450

Conversions

Conversions Part 2

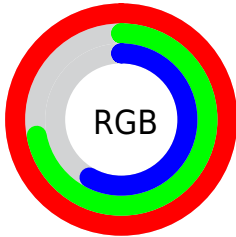
Format	Color
R _Y B	255, 203, 147
Decimal	16758931
CIE Lab	80.54, 21.27, 28.97
CIE LCh	81, 35.937, 53.707
Yxy	57.6476, 0.4062, 0.3680
Android (android.graphics.Color)	4294949011 (0xFFFFB893)
YUV	201.0110, -26.6274, 47.3484
Hunter-Lab	75.9260, 16.7258, 25.5267

Details

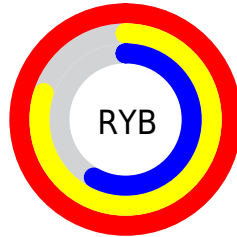
The Yxy color **57.6476, 0.4062, 0.3680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.5114, 0.2477, 0.2854**, and the grayscale version is **58.5590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7972, 0.3477, 0.3680**, and **28.8129, 0.4302, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **50.3846, 0.4376, 0.3764**, and if you desaturate by 10%, it is **65.9173, 0.3784, 0.3586**.

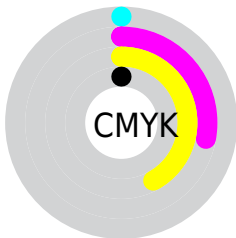
Distribution



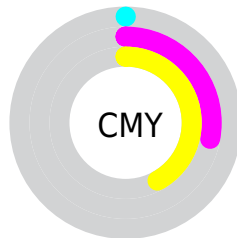
- Red (100%)
- Green (72%)
- Blue (58%)



- Red (100%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6476, 0.4062, 0.3680 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 57.6476, 0.4062, 0.3680 by changing the saturation by 10% instead.


 57.6476, 0.4062,
0.3680


 57.6476, 0.4062,
0.3680


415.8715, 0.3609,
0.3511

 41.5254, 0.4169,
0.3714


 101.4095, 0.3901,
0.3625

 28.7299, 0.4303,
0.3754


 129.8180, 0.3840,
0.3602

 18.8766, 0.4474,
0.3798


163.0907, 0.3787,
0.3582

 11.5811, 0.4699,
0.3846

201.6121, 0.3742,
0.3565

 6.4591, 0.5004,
0.3891

245.7664, 0.3702,
0.3549

 3.1262, 0.5485,
0.3946

295.9382, 0.3667,

 1.1980, 0.6132,

0.3535

0.3868

352.5118, 0.3637,
0.3522

0.0601, 0.9056,
0.0944

0.0000, 0.0000,
0.0000

57.6476, 0.4062,
0.3680

57.6476, 0.4062,
0.3680

50.3846, 0.4376,
0.3764

65.9173, 0.3784,
0.3586

44.0793, 0.4719,
0.3829

75.2232, 0.3544,
0.3491

38.6911, 0.5074,
0.3862

85.6040, 0.3338,
0.3398

34.1725, 0.5413,
0.3849

97.0937, 0.3164,
0.3310

■ 30.4703, 0.5705,
0.3785

99.9899, 0.3127,
0.3290

■ 28.1441, 0.5886,
0.3709

Harmonies

Analogous

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



57.6476, 0.3950, 0.3308



57.6476, 0.4062, 0.3680



57.6476, 0.3903, 0.3992

Triad

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



57.6476, 0.4062, 0.3680



57.6476, 0.2651, 0.3650



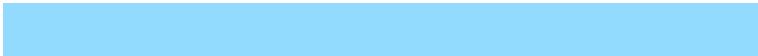
57.6476, 0.2684, 0.2549

Complementary

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



57.6476, 0.4062, 0.3680



63.5114, 0.2477, 0.2854

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.



57.6476, 0.2384, 0.2581



57.6476, 0.4062, 0.3680



57.6476, 0.2364, 0.3185

Square

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



57.6476, 0.4062, 0.3680



57.6476, 0.3077, 0.4019



57.6476, 0.2272, 0.2798



57.6476, 0.3122, 0.2685

Rectangle

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



57.6476, 0.4062, 0.3680



57.6476, 0.3675, 0.4114



57.6476, 0.2272, 0.2798



57.6476, 0.2565, 0.2540

Sweetspot

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



57.6504, 0.4062, 0.3680



84.9310, 0.3351, 0.3404



47.2263, 0.3495, 0.2561



17.6713, 0.3394, 0.3424



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.



57.6504, 0.4062, 0.3680



51.3292, 0.4332, 0.3754



83.8977, 0.3830, 0.4186



19.0060, 0.3286, 0.3372



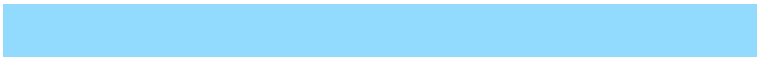
14.9613, 0.5856, 0.3732



1.6506, 0.5638, 0.3906

Inverse Universe

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



63.5114, 0.2477, 0.2854



57.8555, 0.2356, 0.2746



40.3223, 0.2367, 0.2193



19.3703, 0.2980, 0.3206



18.5991, 0.1923, 0.2124



2.0145, 0.1965, 0.2272

Previews

White Background



This preview shows how the Yxy color 57.6476, 0.4062, 0.3680 looks on a white background.

Color Contrast Check

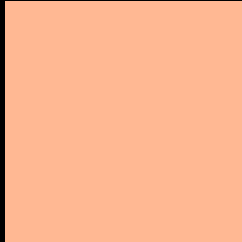
Large Text (above 18pt) WCAG AA × Fail

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 57.6476, 0.4062, 0.3680 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 57.6476, 0.4062, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 57.6476, 0.4062, 0.3680.



This preview shows how white text looks on a background with the Yxy color 57.6476, 0.4062, 0.3680.

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

57.6476, 0.4062, 0.3680

Protanopia

57.9378, 0.3589, 0.3836

Deuteranopia

57.7481, 0.3888, 0.3813



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.6476, 0.4062, 0.3680

Protanomaly

57.4760, 0.3762, 0.3781

Deuteranomaly

57.7036, 0.3953, 0.3758

Tritanomaly

57.4423, 0.3820, 0.3345

Monochromacy



Original Color

57.6476, 0.4062, 0.3680

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 57.6476, 0.4062, 0.3680 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 147) }
```

Border

The CSS property to change the border of an element to Yxy 57.6476, 0.4062, 0.3680 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, 147) }
```

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

```
.border{ border-color:rgb(255, 184, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6476, 0.4062, 0.3680 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
184, 147) }
```

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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