

Converting Colors

$Y_{xy}(90.9841, 0.4935, 0.3471)$

Have a look what the booklet for
Yxy(90.9841, 0.4935, 0.3471)
contains.

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Color

Yxy(57.4935, 0.3998, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FFB79B
RGB	255, 183, 155
RGB Percent	100%, 72%, 61%
CMY	0.0000, 0.2824, 0.3921
CMYK	0.00, 0.28, 0.39, 0.00
HSL	17°, 100%, 80%
HSV	17°, 39%, 100%
XYZ	64.0990, 57.4935, 38.7352
YIQ	201.3360, 51.9000, 6.5560

Conversions

Conversions Part 2

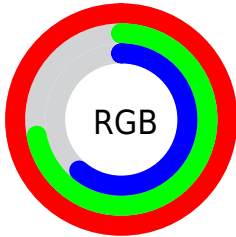
Format	Color
R _Y B	255, 194, 155
Decimal	16758683
CIE Lab	80.46, 22.71, 24.59
CIE LCh	80, 33.473, 47.275
Yxy	57.4935, 0.3998, 0.3586
Android (android.graphics.Color)	4294948763 (0xFFFFB79B)
YUV	201.3360, -22.8436, 47.0633
Hunter-Lab	75.8245, 18.2040, 22.7886

Details

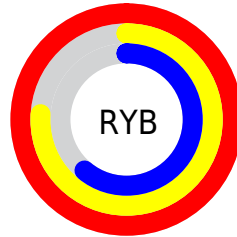
The Yxy color **57.4935, 0.3998, 0.3586** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.1409, 0.2534, 0.2967**, and the grayscale version is **58.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6461, 0.3420, 0.3579**, and **28.7005, 0.4217, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **49.6345, 0.4320, 0.3658**, and if you desaturate by 10%, it is **66.5160, 0.3718, 0.3508**.

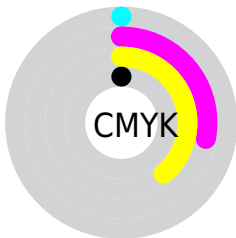
Distribution



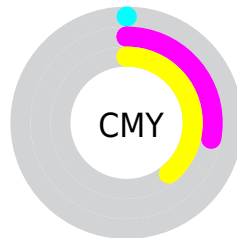
- Red (100%)
- Green (72%)
- Blue (61%)



- Red (100%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4935, 0.3998, 0.3586 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 57.4935, 0.3998, 0.3586 by changing the saturation by 10% instead.


 57.4935, 0.3998,
0.3586

 57.4935, 0.3998,
0.3586


415.2959, 0.3574,
0.3459

 41.4016, 0.4099,
0.3611


 101.1849, 0.3847,
0.3545

 28.6330, 0.4226,
0.3640


 129.5532, 0.3790,
0.3528

 18.8034, 0.4389,
0.3673


162.7824, 0.3741,
0.3513

 11.5283, 0.4606,
0.3708

201.2569, 0.3698,
0.3500

 6.4234, 0.4906,
0.3739

245.3611, 0.3661,
0.3488

 3.1042, 0.5346,
0.3752

295.4794, 0.3629,

 1.1864, 0.6211,

0.3477

0.3789

351.9963, 0.3600,
0.3468

0.0505, 0.9226,
0.0774

0.0000, 0.0000,
0.0000

57.4935, 0.3998,
0.3586

57.4935, 0.3998,
0.3586

49.6345, 0.4320,
0.3658

66.5160, 0.3718,
0.3508

42.8984, 0.4681,
0.3715

76.7572, 0.3481,
0.3430

37.2290, 0.5064,
0.3745

88.2579, 0.3282,
0.3355

32.5683, 0.5441,
0.3738

100.0000, 0.3127,
0.3290

■ 28.8523, 0.5772,
0.3685

■ 26.0036, 0.6025,
0.3592

■ 25.8113, 0.6043,
0.3584

Harmonies

Analogous

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



57.4935, 0.3839, 0.3234



57.4935, 0.3998, 0.3586



57.4935, 0.3903, 0.3895

Triad

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



57.4935, 0.3998, 0.3586



57.4935, 0.2760, 0.3712



57.4935, 0.2640, 0.2587

Complementary

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



57.4935, 0.3998, 0.3586



69.1409, 0.2534, 0.2967

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.



57.4935, 0.2392, 0.2656



57.4935, 0.3998, 0.3586



57.4935, 0.2457, 0.3286

Square

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



57.4935, 0.3998, 0.3586



57.4935, 0.3176, 0.4012



57.4935, 0.2328, 0.2899



57.4935, 0.3029, 0.2682

Rectangle

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



57.4935, 0.3998, 0.3586



57.4935, 0.3717, 0.4032



57.4935, 0.2328, 0.2899



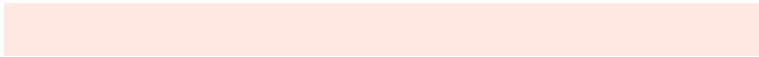
57.4935, 0.2539, 0.2591

Sweetspot

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



57.4906, 0.3998, 0.3586



84.9200, 0.3334, 0.3376



50.3278, 0.3399, 0.2553



17.8493, 0.3359, 0.3385



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.



57.4906, 0.3998, 0.3586



51.2724, 0.4245, 0.3643



81.1547, 0.3801, 0.4063



18.8144, 0.3287, 0.3357



13.7021, 0.6014, 0.3607



1.5090, 0.5794, 0.3782

Inverse Universe

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



69.1409, 0.2534, 0.2967



64.3421, 0.2428, 0.2891



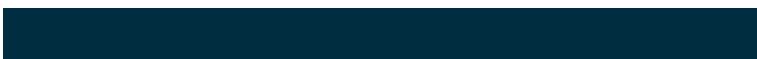
46.1682, 0.2442, 0.2371



19.5717, 0.2980, 0.3222



21.8740, 0.1987, 0.2351



2.3145, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 57.4935, 0.3998, 0.3586 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 57.4935, 0.3998, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

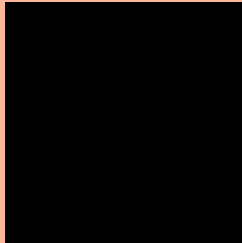
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4935, 0.3998, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 57.4935, 0.3998, 0.3586.



This preview shows how white text looks on a background with the Yxy color 57.4935, 0.3998, 0.3586.

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

57.4935, 0.3998, 0.3586

Protanopia

57.9499, 0.3503, 0.3731

Deuteranopia

57.6613, 0.3805, 0.3728



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.4935, 0.3998, 0.3586

Protanomaly

57.6156, 0.3680, 0.3679

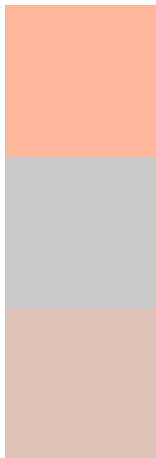
Deuteranomaly

57.6055, 0.3869, 0.3675

Tritanomaly

57.1572, 0.3796, 0.3302

Monochromacy



Original Color

57.4935, 0.3998, 0.3586

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4164, 0.3427, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4935, 0.3998, 0.3586 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 155) }
```

Border

The CSS property to change the border of an element to Yxy 57.4935, 0.3998, 0.3586 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, 155) }
```

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

```
.border{ border-color:rgb(255, 183, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4935, 0.3998, 0.3586 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
183, 155) }
```

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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