

Converting Colors

Yxy(57.5814, 0.4125, 0.3914)

Have a look what the booklet for
Yxy(57.5814, 0.4125, 0.3914)
contains.

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Color

Yxy(57.5079, 0.4131, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	F8BC81
RGB	248, 188, 129
RGB Percent	97%, 74%, 51%
CMY	0.0274, 0.2628, 0.4940
CMYK	0.00, 0.24, 0.48, 0.03
HSL	30°, 90%, 74%
HSV	30°, 48%, 97%
XYZ	60.6653, 57.5079, 28.6805
YIQ	199.2140, 54.6990, -5.6290

Conversions

Conversions Part 2

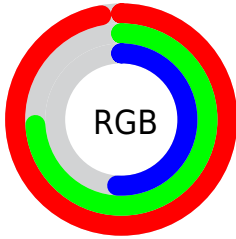
Format	Color
R _Y B	248, 246, 129
Decimal	16301185
CIE Lab	80.46, 14.70, 38.11
CIE LCh	80, 40.850, 68.905
Yxy	57.5079, 0.4131, 0.3916
Android (android.graphics.Color)	4294491265 (0xFFF8BC81)
YUV	199.2140, -34.6155, 42.7853
Hunter-Lab	75.8340, 10.0861, 30.6602

Details

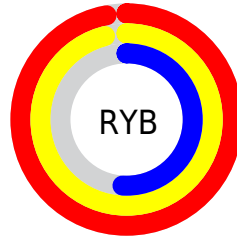
The Yxy color **57.5079, 0.4131, 0.3916** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8689, 0.2354, 0.2549**, and the grayscale version is **57.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3803, 0.3583, 0.3899**, and **28.7113, 0.4370, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **51.8129, 0.4404, 0.4028**, and if you desaturate by 10%, it is **63.8320, 0.3876, 0.3788**.

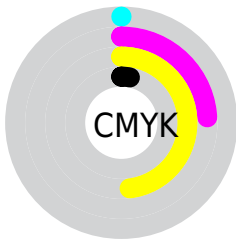
Distribution



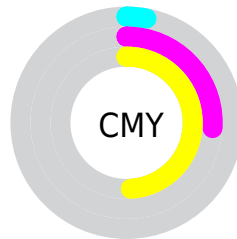
- Red (97%)
- Green (74%)
- Blue (51%)



- Red (97%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (3%)




- Cyan (3%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5079, 0.4131, 0.3916 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 57.5079, 0.4131, 0.3916 by changing the saturation by 10% instead.

 57.5079, 0.4131,
0.3916

 57.5079, 0.4131,
0.3916


415.3498, 0.3650,
0.3637

 41.4132, 0.4242,
0.3974


 101.2059, 0.3963,
0.3823

 28.6421, 0.4378,
0.4041


 129.5780, 0.3898,
0.3786

 18.8102, 0.4549,
0.4118


 162.8112, 0.3842,
0.3753

 11.5332, 0.4765,
0.4204

201.2901, 0.3793,
0.3724

 6.4267, 0.5040,
0.4287

245.3990, 0.3751,
0.3699

 3.1062, 0.5542,
0.4458

295.5223, 0.3713,

 1.1874, 0.5776,

0.3676

0.4224

352.0444, 0.3680,
0.3656

0.0514, 0.8880,
0.1120

0.0000, 0.0000,
0.0000

57.5079, 0.4131,
0.3916

57.5079, 0.4131,
0.3916

51.8129, 0.4404,
0.4028

63.8320, 0.3876,
0.3788

46.7153, 0.4685,
0.4111

70.7988, 0.3644,
0.3653

42.1922, 0.4957,
0.4152

78.4316, 0.3437,
0.3518

38.2150, 0.5204,
0.4140

86.7500, 0.3255,
0.3388

■ 34.7491, 0.5408,
0.4074

■ 95.7724, 0.3097,
0.3266

■ 34.1029, 0.5447,
0.4057

■ 98.7011, 0.3084,
0.3290

Harmonies

Analogous

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



57.5079, 0.4168, 0.3516



57.5079, 0.4131, 0.3916



57.5079, 0.3813, 0.4200

Triad

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



57.5079, 0.4131, 0.3916



57.5079, 0.2398, 0.3428



57.5079, 0.2860, 0.2514

Complementary

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



57.5079, 0.4131, 0.3916



47.8689, 0.2354, 0.2549

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.



57.5079, 0.2435, 0.2449



57.5079, 0.4131, 0.3916



57.5079, 0.2187, 0.2921

Square

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



57.5079, 0.4131, 0.3916



57.5079, 0.2808, 0.3941



57.5079, 0.2202, 0.2581



57.5079, 0.3397, 0.2747

Rectangle

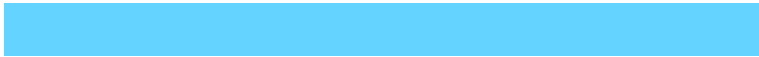
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5079, 0.4131, 0.3916



57.5079, 0.3498, 0.4259



57.5079, 0.2202, 0.2581



57.5079, 0.2700, 0.2472

Sweetspot

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



57.5107, 0.4131, 0.3916



86.9530, 0.3362, 0.3466



39.4089, 0.3753, 0.2645



18.2090, 0.3403, 0.3495



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.



57.5107, 0.4131, 0.3916



55.1230, 0.4407, 0.4029



87.4841, 0.3844, 0.4445



18.6459, 0.3281, 0.3408



18.6982, 0.5422, 0.4077



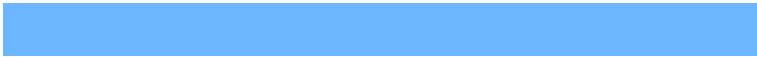
1.9436, 0.5236, 0.4224

Inverse Universe

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



47.8689, 0.2354, 0.2549



43.6901, 0.2201, 0.2357



27.6837, 0.2213, 0.1796



18.0903, 0.2980, 0.3169



11.8806, 0.1775, 0.1590



1.3125, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 57.5079, 0.4131, 0.3916 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 57.5079, 0.4131, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

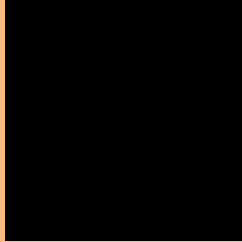
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5079, 0.4131, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 57.5079, 0.4131, 0.3916.



This preview shows how white text looks on a background with the Yxy color 57.5079, 0.4131, 0.3916.

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

57.5079, 0.4131, 0.3916

Protanopia

57.7815, 0.3766, 0.4062

Deuteranopia

57.5209, 0.4062, 0.3974



Tritanopia

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.5079, 0.4131, 0.3916

Protanomaly

57.6398, 0.3894, 0.4015

Deuteranomaly

57.6185, 0.4094, 0.3956

Tritanomaly

57.4647, 0.3840, 0.3430

Monochromacy



Original Color

57.5079, 0.4131, 0.3916

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8379, 0.3471, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5079, 0.4131, 0.3916 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(248, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(248, 188, 129)  
}
```

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(248, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 188, 129) }
```

Border

The CSS property to change the border of an element to Yxy 57.5079, 0.4131, 0.3916 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(248, 188, 129) }
```

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

```
.border{ border-color:rgb(248, 188, 129) }
```

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

Here you see how a box with a 4 pixel rgb(248, 188, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(248, 188,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5079, 0.4131, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 188, 129) }
```

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

```
.background{ background-color: rgb(248,  
188, 129) }
```

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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