

Converting Colors

$Yxy(57.7374, 0.4091, 0.3847)$

Have a look what the booklet for
Yxy(57.7374, 0.4091, 0.3847)
contains.

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Color

Yxy(57.8554, 0.4091, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	F9BC87
RGB	249, 188, 135
RGB Percent	98%, 74%, 53%
CMY	0.0237, 0.2627, 0.4706
CMYK	0.00, 0.24, 0.46, 0.02
HSL	28°, 90%, 75%
HSV	28°, 46%, 98%
XYZ	61.4132, 57.8554, 30.8492
YIQ	200.1970, 53.3690, -3.5510

Conversions

Conversions Part 2

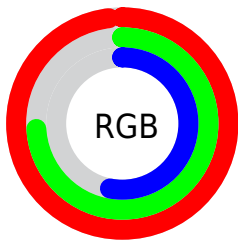
Format	Color
R_{YB}	249, 234, 135
Decimal	16366727
CIE _{Lab}	80.66, 15.63, 35.29
CIE _{LCh}	81, 38.599, 66.116
Yxy	57.8554, 0.4091, 0.3854
Android (android.graphics.Color)	4294556807 (0xFFF9BC87)
YUV	200.1970, -32.1421, 42.8002
Hunter-Lab	76.0627, 11.0114, 29.1973

Details

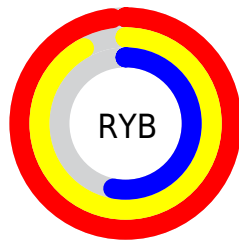
The Yxy color **57.8554, 0.4091, 0.3854** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4381, 0.2397, 0.2634**, and the grayscale version is **58.0640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6355, 0.3545, 0.3839**, and **28.9152, 0.4331, 0.3976** is the 20% darker color. If you saturate the color by 10%, you get **51.8082, 0.4372, 0.3963**, and if you desaturate by 10%, it is **64.5968, 0.3833, 0.3731**.

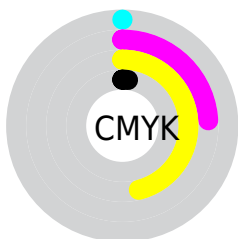
Distribution



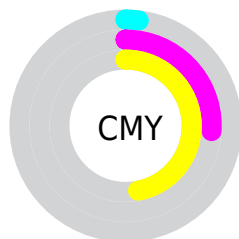
- Red (98%)
- Green (74%)
- Blue (53%)



- Red (98%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8554, 0.4091, 0.3854 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 57.8554, 0.4091, 0.3854 by changing the saturation by 10% instead.


 57.8554, 0.4091,
0.3854

 57.8554, 0.4091,
0.3854


416.6469, 0.3628,
0.3603

 41.6924, 0.4199,
0.3906


 101.7123, 0.3928,
0.3770

 28.8605, 0.4332,
0.3967

 130.1749, 0.3866,
0.3737

 18.9753, 0.4499,
0.4038


 163.5063, 0.3812,
0.3707

 11.6525, 0.4714,
0.4118

202.0907, 0.3765,
0.3681

 6.5075, 0.4994,
0.4198

246.3125, 0.3724,
0.3659

 3.1561, 0.5560,
0.4408

296.5563, 0.3688,

 1.2137, 0.5822,

0.3638

0.4178

353.2063, 0.3657,
0.3620

0.0729, 0.8608,
0.1392

0.0000, 0.0000,
0.0000

57.8554, 0.4091,
0.3854

57.8554, 0.4091,
0.3854

51.8082, 0.4372,
0.3963

64.5968, 0.3833,
0.3731

46.4211, 0.4665,
0.4047

72.0482, 0.3601,
0.3603

41.6691, 0.4956,
0.4091

80.2350, 0.3397,
0.3477

37.5215, 0.5225,
0.4085

89.1786, 0.3219,
0.3357

■ 33.9431, 0.5452,
0.4023

■ 98.6081, 0.3090,
0.3286

■ 32.5868, 0.5538,
0.3985

■ 98.8730, 0.3090,
0.3290

Harmonies

Analogous

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



57.8554, 0.4096, 0.3471



57.8554, 0.4091, 0.3854



57.8554, 0.3814, 0.4134

Triad

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



57.8554, 0.4091, 0.3854



57.8554, 0.2467, 0.3469



57.8554, 0.2832, 0.2540

Complementary

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



57.8554, 0.4091, 0.3854



51.4381, 0.2397, 0.2634

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.



57.8554, 0.2443, 0.2496



57.8554, 0.4091, 0.3854



57.8554, 0.2246, 0.2984

Square

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



57.8554, 0.4091, 0.3854



57.8554, 0.2870, 0.3938



57.8554, 0.2239, 0.2642



57.8554, 0.3335, 0.2749

Rectangle

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



57.8554, 0.4091, 0.3854



57.8554, 0.3525, 0.4202



57.8554, 0.2239, 0.2642



57.8554, 0.2685, 0.2506

Sweetspot

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



57.8582, 0.4091, 0.3854



86.3298, 0.3364, 0.3456



41.5216, 0.3672, 0.2635



18.0576, 0.3405, 0.3482



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.



57.8582, 0.4091, 0.3854



55.1373, 0.4351, 0.3956



86.1418, 0.3830, 0.4367



18.5565, 0.3282, 0.3401



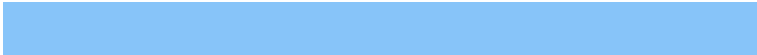
17.7271, 0.5511, 0.4006



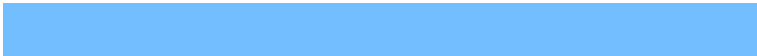
1.8517, 0.5313, 0.4163

Inverse Universe

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



51.4381, 0.2397, 0.2634



47.5637, 0.2257, 0.2471



30.9469, 0.2269, 0.1920



18.1802, 0.2980, 0.3177



12.9491, 0.1804, 0.1693



1.4116, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 57.8554, 0.4091, 0.3854 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 57.8554, 0.4091, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

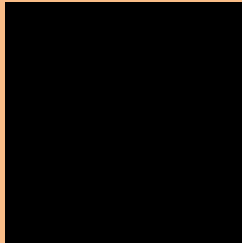
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8554, 0.4091, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 57.8554, 0.4091, 0.3854.



This preview shows how white text looks on a background with the Yxy color 57.8554, 0.4091, 0.3854.

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

57.8554, 0.4091, 0.3854

Protanopia

57.8009, 0.3713, 0.3996

Deuteranopia

57.9458, 0.4002, 0.3924



Tritanopia

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.8554, 0.4091, 0.3854

Protanomaly

57.8088, 0.3848, 0.3950

Deuteranomaly

58.0375, 0.4032, 0.3907

Tritanomaly

57.5795, 0.3814, 0.3398

Monochromacy



Original Color

57.8554, 0.4091, 0.3854

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5199, 0.3461, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8554, 0.4091, 0.3854 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(249, 188, 135)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 135)  
}
```

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(249, 188, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 135) }
```

Border

The CSS property to change the border of an element to Yxy 57.8554, 0.4091, 0.3854 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(249, 188, 135) }
```

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

```
.border{ border-color:rgb(249, 188, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 188, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 188, 135); box-shadow:4px 4px 4px 4px rgb(249, 188, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8554, 0.4091, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 135) }
```

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

```
.background{ background-color: rgb(249,  
188, 135) }
```

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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