

Converting Colors

$Yxy(80.9063, 0.4949, 0.3684)$

Have a look what the booklet for
Yxy(80.9063, 0.4949, 0.3684)
contains.

Yxy(57.0733, 0.4229, 0.3880)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0733, 0.4229, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	FFB87F
RGB	255, 184, 127
RGB Percent	100%, 72%, 50%
CMY	0.0001, 0.2784, 0.5020
CMYK	0.00, 0.28, 0.50, 0.00
HSL	27°, 100%, 75%
HSV	27°, 50%, 100%
XYZ	62.2070, 57.0733, 27.8159
YIQ	198.7310, 60.6130, -2.6750

Conversions

Conversions Part 2

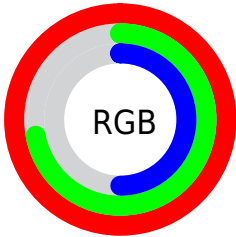
Format	Color
R_{YB}	255, 230, 127
Decimal	16758911
CIE _{Lab}	80.22, 19.37, 38.99
CIE _{LCh}	80, 43.540, 63.586
Yxy	57.0733, 0.4229, 0.3880
Android (android.graphics.Color)	4294948991 (0xFFFFB87F)
YUV	198.7310, -35.3634, 49.3479
Hunter-Lab	75.5469, 14.7738, 31.0526

Details

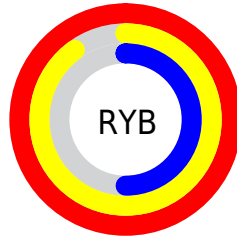
The Yxy color **57.0733, 0.4229, 0.3880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1059, 0.2335, 0.2589**, and the grayscale version is **57.1341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8755, 0.3613, 0.3892**, and **28.3705, 0.4492, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **50.9088, 0.4525, 0.3975**, and if you desaturate by 10%, it is **63.9988, 0.3954, 0.3767**.

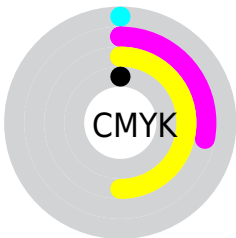
Distribution



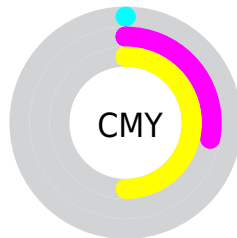
- Red (100%)
- Green (72%)
- Blue (50%)



- Red (100%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0733, 0.4229, 0.3880 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 57.0733, 0.4229, 0.3880 by changing the saturation by 10% instead.


 57.0733, 0.4229,
0.3880

 57.0733, 0.4229,
0.3880


413.7239, 0.3700,
0.3624


 41.0641, 0.4351,
0.3931


 100.5721, 0.4044,
0.3797

 28.3692, 0.4501,
0.3988


 128.8306, 0.3972,
0.3763

 18.6041, 0.4689,
0.4051


 161.9408, 0.3910,
0.3732

 11.3846, 0.4927,
0.4116

200.2874, 0.3857,
0.3706

 6.3261, 0.5230,
0.4166

244.2545, 0.3810,
0.3682

 3.0444, 0.5745,
0.4255

294.2268, 0.3769,

 1.1550, 0.6044,

0.3661

350.5884, 0.3733,
0.3641

0.3956

0.0244, 0.9530,
0.0470

0.0000, 0.0000,
0.0000

57.0733, 0.4229,
0.3880

57.0733, 0.4229,
0.3880

50.9088, 0.4525,
0.3975

63.9988, 0.3954,
0.3767

45.4669, 0.4830,
0.4038

71.7049, 0.3705,
0.3645

40.7175, 0.5124,
0.4057

80.2207, 0.3486,
0.3523

36.6240, 0.5386,
0.4021

89.5714, 0.3295,
0.3404

■ 33.1990, 0.5598,
0.3937

99.7805, 0.3130,
0.3292

99.9970, 0.3127,
0.3290

Harmonies

Analogous

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



57.0733, 0.4211, 0.3445



57.0733, 0.4229, 0.3880



57.0733, 0.3933, 0.4220

Triad

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



57.0733, 0.4229, 0.3880



57.0733, 0.2414, 0.3539



57.0733, 0.2748, 0.2441

Complementary

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



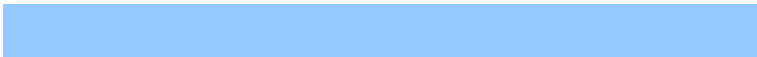
57.0733, 0.4229, 0.3880



52.1059, 0.2335, 0.2589

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.



57.0733, 0.2332, 0.2405



57.0733, 0.4229, 0.3880



57.0733, 0.2151, 0.2978

Square

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



57.0733, 0.4229, 0.3880



57.0733, 0.2877, 0.4070



57.0733, 0.2125, 0.2581



57.0733, 0.3309, 0.2659

Rectangle

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



57.0733, 0.4229, 0.3880



57.0733, 0.3613, 0.4324



57.0733, 0.2125, 0.2581



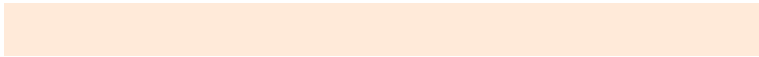
57.0733, 0.2589, 0.2407

Sweetspot

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



57.0761, 0.4229, 0.3880



84.9825, 0.3384, 0.3461



40.5839, 0.3727, 0.2555



17.7711, 0.3424, 0.3486



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.



57.0761, 0.4229, 0.3880



51.0278, 0.4519, 0.3973



88.9761, 0.3903, 0.4443



19.3191, 0.3283, 0.3396



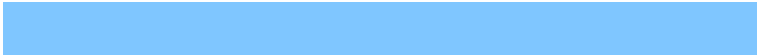
17.6368, 0.5570, 0.3959



1.9312, 0.5375, 0.4114

Inverse Universe

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



52.1059, 0.2335, 0.2589



45.5186, 0.2195, 0.2421



29.2081, 0.2179, 0.1791



19.0482, 0.2979, 0.3181



14.0916, 0.1822, 0.1760



1.5902, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 57.0733, 0.4229, 0.3880 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 57.0733, 0.4229, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

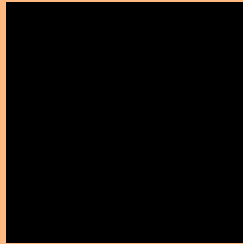
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0733, 0.4229, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 57.0733, 0.4229, 0.3880.



This preview shows how white text looks on a background with the Yxy color 57.0733, 0.4229, 0.3880.

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

57.0733, 0.4229, 0.3880

Protanopia

57.1392, 0.3769, 0.4066

Deuteranopia

57.0340, 0.4083, 0.3984



Tritanopia

57.2179, 0.3701, 0.3177

Trichromacy



Original Color

57.0733, 0.4229, 0.3880

Protanomaly

57.0453, 0.3929, 0.4000

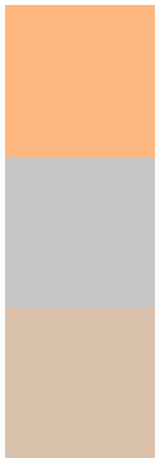
Deuteranomaly

57.0656, 0.4137, 0.3951

Tritanomaly

57.0978, 0.3900, 0.3440

Monochromacy



Original Color

57.0733, 0.4229, 0.3880

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6608, 0.3498, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0733, 0.4229, 0.3880 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 127) }
```

Border

The CSS property to change the border of an element to Yxy 57.0733, 0.4229, 0.3880 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, 127) }
```

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

```
.border{ border-color:rgb(255, 184, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0733, 0.4229, 0.3880 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, 127) }
```

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

```
.background{ background-color: rgb(255,  
184, 127) }
```

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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