

Converting Colors

$Y_{xy}(58.7259, 0.4227, 0.3947)$

Have a look what the booklet for
Yxy(58.7259, 0.4227, 0.3947)
contains.

Yxy(58.6817, 0.4230, 0.3948)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6817, 0.4230, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC7C
RGB	255, 188, 124
RGB Percent	100%, 74%, 49%
CMY	0.0000, 0.2628, 0.5137
CMYK	0.00, 0.26, 0.51, 0.00
HSL	29°, 100%, 74%
HSV	29°, 51%, 100%
XYZ	62.8732, 58.6817, 27.0816
YIQ	200.7370, 60.4760, -5.7000

Conversions

Conversions Part 2

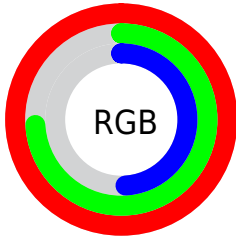
Format	Color
R _Y B	255, 249, 124
Decimal	16759932
CIE Lab	81.12, 17.05, 41.66
CIE LCh	81, 45.020, 67.741
Yxy	58.6817, 0.4230, 0.3948
Android (android.graphics.Color)	4294950012 (0xFFFFBC7C)
YUV	200.7370, -37.8313, 47.5887
Hunter-Lab	76.6040, 12.4481, 32.6622

Details

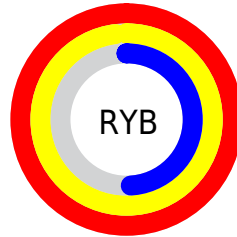
The Yxy color **58.6817, 0.4230, 0.3948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7730, 0.2303, 0.2496**, and the grayscale version is **58.4422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1357, 0.3621, 0.3959**, and **29.4245, 0.4483, 0.4071** is the 20% darker color. If you saturate the color by 10%, you get **52.7890, 0.4510, 0.4050**, and if you desaturate by 10%, it is **65.2342, 0.3965, 0.3826**.

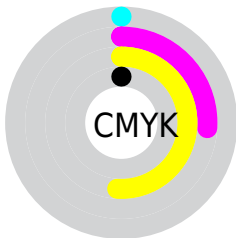
Distribution



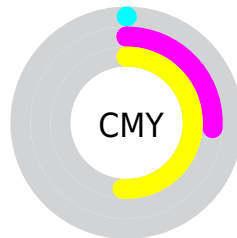
- Red (100%)
- Green (74%)
- Blue (49%)



- Red (100%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6817, 0.4230, 0.3948 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 58.6817, 0.4230, 0.3948 by changing the saturation by 10% instead.


 58.6817, 0.4230,
0.3948


 58.6817, 0.4230,
0.3948


419.7213, 0.3706,
0.3661


 42.3569, 0.4349,
0.4005


 102.9149, 0.4047,
0.3854

 29.3809, 0.4495,
0.4070


 131.5921, 0.3976,
0.3816

 19.3691, 0.4675,
0.4142


 165.1557, 0.3915,
0.3782

 11.9373, 0.4901,
0.4218

203.9899, 0.3862,
0.3753

 6.7010, 0.5183,
0.4282

248.4791, 0.3816,
0.3726

 3.2758, 0.5629,
0.4371

299.0079, 0.3775,

 1.2774, 0.5885,

0.3702

0.4115

355.9605, 0.3738,
0.3681

0.1236, 0.8120,
0.1880

0.0000, 0.0000,
0.0000

58.6817, 0.4230,
0.3948

58.6817, 0.4230,
0.3948

52.7890, 0.4510,
0.4050

65.2342, 0.3965,
0.3826

47.5459, 0.4794,
0.4118

72.4871, 0.3722,
0.3694

42.9179, 0.5063,
0.4140

80.4581, 0.3506,
0.3560

38.8725, 0.5300,
0.4107

89.1689, 0.3315,
0.3430

■ 35.8146, 0.5471,
0.4038

■ 98.6402, 0.3148,
0.3306

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



58.6817, 0.4262, 0.3510



58.6817, 0.4230, 0.3948



58.6817, 0.3889, 0.4274

Triad

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



58.6817, 0.4230, 0.3948



58.6817, 0.2346, 0.3461



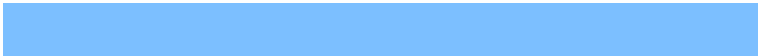
58.6817, 0.2812, 0.2444

Complementary

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



58.6817, 0.4230, 0.3948



48.7730, 0.2303, 0.2496

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.



58.6817, 0.2361, 0.2379



58.6817, 0.4230, 0.3948



58.6817, 0.2112, 0.2900

Square

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



58.6817, 0.4230, 0.3948



58.6817, 0.2795, 0.4028



58.6817, 0.2119, 0.2525



58.6817, 0.3396, 0.2688

Rectangle

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



58.6817, 0.4230, 0.3948



58.6817, 0.3548, 0.4354



58.6817, 0.2119, 0.2525



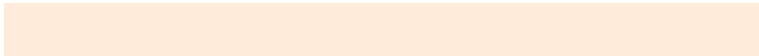
58.6817, 0.2641, 0.2400

Sweetspot

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



58.6763, 0.4230, 0.3948



85.9217, 0.3381, 0.3477



39.4675, 0.3820, 0.2603



17.9967, 0.3421, 0.3504



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.



58.6763, 0.4230, 0.3948



52.4410, 0.4528, 0.4055



92.8502, 0.3889, 0.4517



19.4519, 0.3282, 0.3406



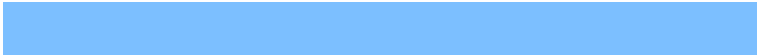
19.0107, 0.5444, 0.4059



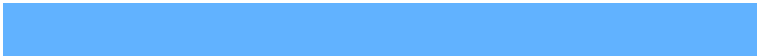
2.0688, 0.5264, 0.4202

Inverse Universe

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



48.7730, 0.2303, 0.2496



41.5078, 0.2147, 0.2294



26.4743, 0.2139, 0.1673



18.9143, 0.2979, 0.3171



12.4770, 0.1781, 0.1612



1.4336, 0.1838, 0.1815

Previews

White Background



This preview shows how the Yxy color 58.6817, 0.4230, 0.3948 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 58.6817, 0.4230, 0.3948 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 58.6817, 0.4230, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 58.6817, 0.4230, 0.3948.



This preview shows how white text looks on a background with the Yxy color 58.6817, 0.4230, 0.3948.

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

58.6817, 0.4230, 0.3948

Protanopia

59.0417, 0.3820, 0.4131

Deuteranopia

58.8031, 0.4115, 0.4036



Tritanopia

58.6109, 0.3658, 0.3166

Trichromacy



Original Color

58.6817, 0.4230, 0.3948

Protanomaly

58.7884, 0.3970, 0.4066

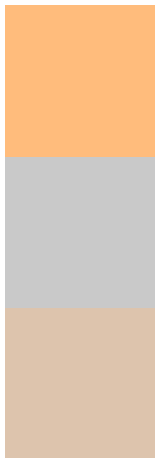
Deuteranomaly

58.6481, 0.4161, 0.4006

Tritanomaly

58.4056, 0.3871, 0.3450

Monochromacy



Original Color

58.6817, 0.4230, 0.3948

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8691, 0.3510, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6817, 0.4230, 0.3948 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, 188, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 124)  
}
```

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, 188, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 124) }
```

Border

The CSS property to change the border of an element to Yxy 58.6817, 0.4230, 0.3948 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, 188, 124) }
```

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

```
.border{ border-color:rgb(255, 188, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6817, 0.4230, 0.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 124) }
```

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

```
.background{ background-color: rgb(255,  
188, 124) }
```

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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