

Converting Colors

$Yxy(62.0102, 0.4237, 0.3744)$

Have a look what the booklet for
Yxy(62.0102, 0.4237, 0.3744)
contains.

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Color

Yxy(58.7237, 0.4098, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB8D
RGB	255, 187, 141
RGB Percent	100%, 73%, 55%
CMY	0.0001, 0.2666, 0.4469
CMYK	0.00, 0.27, 0.45, 0.00
HSL	24°, 100%, 78%
HSV	24°, 45%, 100%
XYZ	63.8159, 58.7237, 33.1849
YIQ	202.0880, 55.2940, 0.1100

Conversions

Conversions Part 2

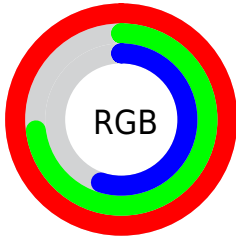
Format	Color
R _Y B	255, 218, 141
Decimal	16759693
CIE Lab	81.14, 19.12, 32.89
CIE LCh	81, 38.042, 59.828
Yxy	58.7237, 0.4098, 0.3771
Android (android.graphics.Color)	4294949773 (0xFFFFBB8D)
YUV	202.0880, -30.1164, 46.4038
Hunter-Lab	76.6314, 14.5435, 27.9667

Details

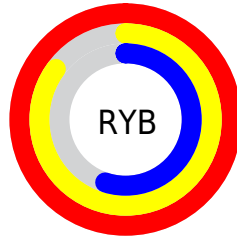
The Yxy color **58.7237, 0.4098, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.4914, 0.2428, 0.2740**, and the grayscale version is **59.2891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3013, 0.3509, 0.3769**, and **29.5241, 0.4344, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **51.9363, 0.4399, 0.3867**, and if you desaturate by 10%, it is **66.3751, 0.3827, 0.3663**.

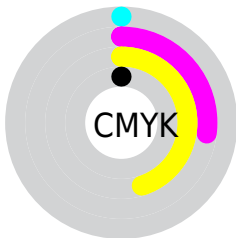
Distribution



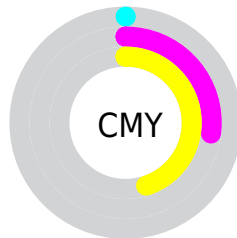
- Red (100%)
- Green (73%)
- Blue (55%)



- Red (100%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7237, 0.4098, 0.3771 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 58.7237, 0.4098, 0.3771 by changing the saturation by 10% instead.

 58.7237, 0.4098,
0.3771

 58.7237, 0.4098,
0.3771

419.8772, 0.3631,
0.3561

 42.3907, 0.4207,
0.3814


 102.9760, 0.3933,
0.3702

 29.4074, 0.4343,
0.3863


 131.6641, 0.3870,
0.3674

 19.3892, 0.4514,
0.3920


 165.2394, 0.3816,
0.3649

 11.9518, 0.4736,
0.3982


204.0862, 0.3769,
0.3627

 6.7109, 0.5030,
0.4041

248.5891, 0.3728,
0.3608

 3.2820, 0.5534,
0.4151

299.1322, 0.3692,

 1.2807, 0.5995,

0.3590

356.1002, 0.3660,
0.3575

0.4005

0.1261, 0.8230,
0.1770

0.0000, 0.0000,
0.0000

58.7237, 0.4098,
0.3771

58.7237, 0.4098,
0.3771

51.9363, 0.4399,
0.3867

66.3751, 0.3827,
0.3663

45.9711, 0.4719,
0.3939

74.9133, 0.3587,
0.3551

40.7950, 0.5043,
0.3975

84.3706, 0.3380,
0.3441

36.3685, 0.5346,
0.3961

94.7751, 0.3202,
0.3337

■ 32.6470, 0.5603,
0.3893

99.9970, 0.3127,
0.3290

■ 30.9329, 0.5720,
0.3840

Harmonies

Analogous

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



58.7237, 0.4041, 0.3386



58.7237, 0.4098, 0.3771



58.7237, 0.3876, 0.4075

Triad

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



58.7237, 0.4098, 0.3771



58.7237, 0.2550, 0.3570



58.7237, 0.2745, 0.2530

Complementary

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



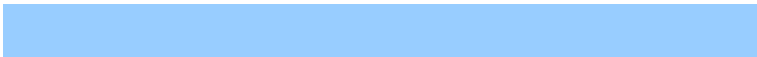
58.7237, 0.4098, 0.3771



58.4914, 0.2428, 0.2740

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.



58.7237, 0.2397, 0.2524



58.7237, 0.4098, 0.3771



58.7237, 0.2290, 0.3083

Square

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



58.7237, 0.4098, 0.3771



58.7237, 0.2974, 0.3999



58.7237, 0.2238, 0.2710



58.7237, 0.3224, 0.2704

Rectangle

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



58.7237, 0.4098, 0.3771



58.7237, 0.3613, 0.4176



58.7237, 0.2238, 0.2710



58.7237, 0.2611, 0.2508

Sweetspot

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



58.7265, 0.4098, 0.3771



86.0713, 0.3348, 0.3423



44.9416, 0.3598, 0.2594



17.9512, 0.3390, 0.3447



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.



58.7265, 0.4098, 0.3771



52.3837, 0.4377, 0.3861



87.6357, 0.3839, 0.4298



19.1901, 0.3284, 0.3386



16.4393, 0.5691, 0.3864



1.8081, 0.5483, 0.4028

Inverse Universe

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



58.4914, 0.2428, 0.2740



52.0738, 0.2295, 0.2600



35.4823, 0.2303, 0.2026



19.1799, 0.2979, 0.3192



15.8271, 0.1863, 0.1908



1.7554, 0.1912, 0.2081

Previews

White Background



This preview shows how the Yxy color 58.7237, 0.4098, 0.3771 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 58.7237, 0.4098, 0.3771 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 58.7237, 0.4098, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 58.7237, 0.4098, 0.3771.



This preview shows how white text looks on a background with the Yxy color 58.7237, 0.4098, 0.3771.

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

58.7237, 0.4098, 0.3771

Protanopia

59.0994, 0.3662, 0.3934

Deuteranopia

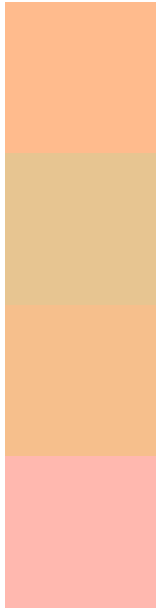
58.7342, 0.3958, 0.3869



Tritanopia

58.6109, 0.3658, 0.3166

Trichromacy



Original Color

58.7237, 0.4098, 0.3771

Protanomaly

58.9658, 0.3815, 0.3877

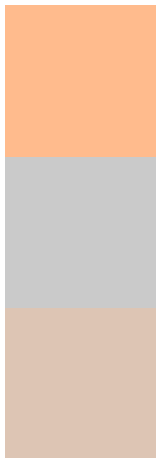
Deuteranomaly

58.7479, 0.4010, 0.3839

Tritanomaly

58.6361, 0.3819, 0.3387

Monochromacy



Original Color

58.7237, 0.4098, 0.3771

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5999, 0.3453, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7237, 0.4098, 0.3771 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, 187, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 141)  
}
```

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, 187, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 141) }
```

Border

The CSS property to change the border of an element to Yxy 58.7237, 0.4098, 0.3771 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, 187, 141) }
```

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

```
.border{ border-color:rgb(255, 187, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7237, 0.4098, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 141) }
```

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

```
.background{ background-color: rgb(255,  
187, 141) }
```

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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