

Converting Colors

$Yxy(58.3208, 0.4103, 0.3858)$

Have a look what the booklet for
Yxy(58.3208, 0.4103, 0.3858)
contains.

Yxy(58.0397, 0.4100, 0.3852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.0397, 0.4100, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	FABC87
RGB	250, 188, 135
RGB Percent	98%, 74%, 53%
CMY	0.0196, 0.2627, 0.4707
CMYK	0.00, 0.25, 0.46, 0.02
HSL	28°, 92%, 75%
HSV	28°, 46%, 98%
XYZ	61.7764, 58.0397, 30.8581
YIQ	200.4960, 53.9650, -3.3390

Conversions

Conversions Part 2

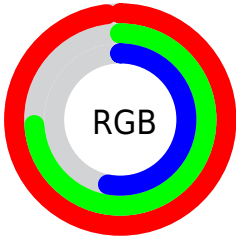
Format	Color
R _Y B	250, 233, 135
Decimal	16432263
CIE Lab	80.76, 16.04, 35.46
CIE LCh	81, 38.916, 65.663
Yxy	58.0397, 0.4100, 0.3852
Android (android.graphics.Color)	4294622343 (0xFFFABC87)
YUV	200.4960, -32.2895, 43.4150
Hunter-Lab	76.1838, 11.4216, 29.3134

Details

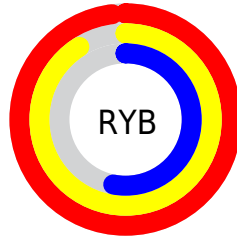
The Yxy color **58.0397, 0.4100, 0.3852** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9601, 0.2394, 0.2636**, and the grayscale version is **58.2590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6355, 0.3545, 0.3839**, and **29.0444, 0.4343, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **51.9293, 0.4383, 0.3960**, and if you desaturate by 10%, it is **64.8583, 0.3840, 0.3730**.

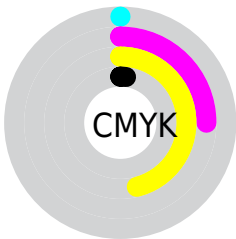
Distribution



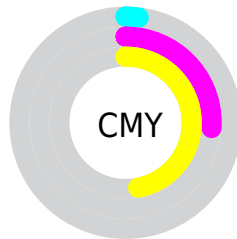
- Red (98%)
- Green (74%)
- Blue (53%)



- Red (98%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0397, 0.4100, 0.3852 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 58.0397, 0.4100, 0.3852 by changing the saturation by 10% instead.


 58.0397, 0.4100,
0.3852

 58.0397, 0.4100,
0.3852


417.3338, 0.3633,
0.3603

 41.8406, 0.4208,
0.3904


 101.9807, 0.3936,
0.3769

 28.9765, 0.4343,
0.3964


 130.4913, 0.3873,
0.3736

 19.0630, 0.4511,
0.4034


 163.8745, 0.3818,
0.3707

 11.7158, 0.4728,
0.4111

202.5148, 0.3771,
0.3681

 6.5505, 0.5009,
0.4189

246.7965, 0.3730,
0.3658

 3.1826, 0.5575,
0.4392

297.1039, 0.3694,

 1.2278, 0.5841,

0.3637

0.4159

353.8216, 0.3662,
0.3619

0.0842, 0.8484,
0.1516

0.0000, 0.0000,
0.0000

58.0397, 0.4100,
0.3852

58.0397, 0.4100,
0.3852

51.9293, 0.4383,
0.3960

64.8583, 0.3840,
0.3730

46.4922, 0.4678,
0.4042

72.4013, 0.3607,
0.3604

41.7027, 0.4971,
0.4084

80.6947, 0.3402,
0.3479

37.5294, 0.5242,
0.4076

89.7607, 0.3223,
0.3359

■ 33.9359, 0.5469,
0.4011

■ 99.0621, 0.3096,
0.3290

■ 32.6479, 0.5550,
0.3975

Harmonies

Analogous

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



58.0397, 0.4101, 0.3465



58.0397, 0.4100, 0.3852



58.0397, 0.3824, 0.4137

Triad

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



58.0397, 0.4100, 0.3852



58.0397, 0.2468, 0.3478



58.0397, 0.2823, 0.2534

Complementary

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



58.0397, 0.4100, 0.3852



51.9601, 0.2394, 0.2636

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.



58.0397, 0.2434, 0.2491



58.0397, 0.4100, 0.3852



58.0397, 0.2242, 0.2988

Square

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



58.0397, 0.4100, 0.3852



58.0397, 0.2875, 0.3949



58.0397, 0.2232, 0.2641



58.0397, 0.3328, 0.2741

Rectangle

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



58.0397, 0.4100, 0.3852



58.0397, 0.3534, 0.4208



58.0397, 0.2232, 0.2641



58.0397, 0.2676, 0.2500

Sweetspot

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



58.0425, 0.4100, 0.3852



86.2448, 0.3364, 0.3454



41.7306, 0.3676, 0.2632



18.0369, 0.3405, 0.3481



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.



58.0425, 0.4100, 0.3852



54.9032, 0.4355, 0.3950



86.9157, 0.3834, 0.4372



18.5443, 0.3282, 0.3400



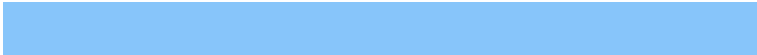
17.5999, 0.5523, 0.3997



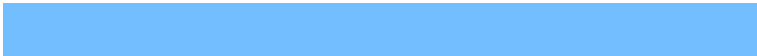
1.8395, 0.5324, 0.4155

Inverse Universe

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



51.9601, 0.2394, 0.2636



47.8154, 0.2258, 0.2478



31.0188, 0.2264, 0.1912



18.1925, 0.2980, 0.3178



13.1014, 0.1808, 0.1707



1.4256, 0.1864, 0.1911

Previews

White Background



This preview shows how the Yxy color 58.0397, 0.4100, 0.3852 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 58.0397, 0.4100, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

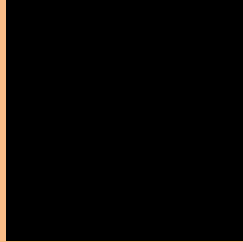
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0397, 0.4100, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 58.0397, 0.4100, 0.3852.



This preview shows how white text looks on a background with the Yxy color 58.0397, 0.4100, 0.3852.

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

58.0397, 0.4100, 0.3852

Protanopia

58.4185, 0.3718, 0.4004

Deuteranopia

58.1213, 0.4010, 0.3922



Tritanopia

57.7976, 0.3663, 0.3146

Trichromacy



Original Color

58.0397, 0.4100, 0.3852

Protanomaly

57.9728, 0.3857, 0.3947

Deuteranomaly

58.2159, 0.4041, 0.3905

Tritanomaly

57.7667, 0.3822, 0.3398

Monochromacy



Original Color

58.0397, 0.4100, 0.3852

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 58.0397, 0.4100, 0.3852 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(250, 188, 135)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 188, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 188, 135) }
```

Border

The CSS property to change the border of an element to Yxy 58.0397, 0.4100, 0.3852 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(250, 188, 135) }
```

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

```
.border{ border-color:rgb(250, 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(250, 188, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 188, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 188, 135);  
box-shadow:4px 4px 4px 4px rgb(250, 188,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0397, 0.4100, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 188, 135) }
```

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

```
.background{ background-color: rgb(250,  
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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