

Converting Colors

$Yxy(58.2935, 0.3963, 0.3859)$

Have a look what the booklet for
Yxy(58.2935, 0.3963, 0.3859)
contains.

Yxy(58.2935, 0.3963, 0.3859)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.2935, 0.3963, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	F1C08C
RGB	241, 192, 140
RGB Percent	95%, 75%, 55%
CMY	0.0548, 0.2471, 0.4510
CMYK	0.00, 0.20, 0.42, 0.05
HSL	31°, 78%, 75%
HSV	31°, 42%, 95%
XYZ	59.8645, 58.2935, 32.9006
YIQ	200.7230, 45.8960, -5.7840

Conversions

Conversions Part 2

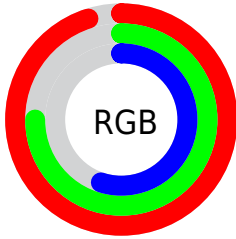
Format	Color
R _Y B	235, 241, 140
Decimal	15843468
CIE Lab	80.90, 10.92, 32.86
CIE LCh	81, 34.629, 71.627
Yxy	58.2935, 0.3963, 0.3859
Android (android.graphics.Color)	4294033548 (0xFFFF1C08C)
YUV	200.7230, -29.9364, 35.3229
Hunter-Lab	76.3502, 6.3451, 27.8961

Details

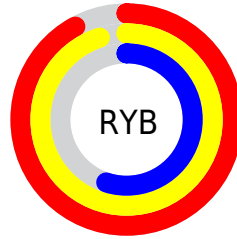
The Yxy color **58.2935, 0.3963, 0.3859** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3274, 0.2448, 0.2635**, and the grayscale version is **58.3976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2898, 0.3505, 0.3826**, and **29.2538, 0.4169, 0.3991** is the 20% darker color. If you saturate the color by 10%, you get **52.7279, 0.4220, 0.3987**, and if you desaturate by 10%, it is **64.4285, 0.3726, 0.3721**.

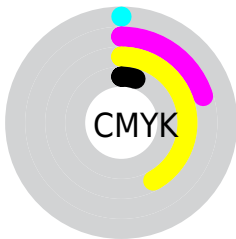
Distribution



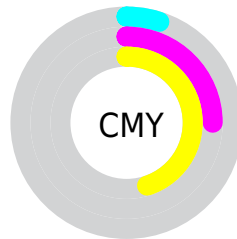
- Red (95%)
- Green (75%)
- Blue (55%)



- Red (92%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2935, 0.3963, 0.3859 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 58.2935, 0.3963, 0.3859 by changing the saturation by 10% instead.


 58.2935, 0.3963,
0.3859

 58.2935, 0.3963,
0.3859


418.2787, 0.3562,
0.3600


 42.0447, 0.4056,
0.3915


 102.3501, 0.3822,
0.3771

 29.1363, 0.4172,
0.3983


 130.9267, 0.3768,
0.3736

 19.1839, 0.4318,
0.4064


 164.3813, 0.3721,
0.3706

 11.8032, 0.4507,
0.4161

203.0984, 0.3681,
0.3679

 6.6098, 0.4755,
0.4272

247.4622, 0.3646,
0.3656

 3.2193, 0.5204,
0.4487

297.8573, 0.3614,

 1.2473, 0.5546,

0.3635

0.4454

354.6680, 0.3587,
0.3616

0.0998, 0.7835,
0.2165

0.0000, 0.0000,
0.0000

58.2935, 0.3963,
0.3859

58.2935, 0.3963,
0.3859

52.7279, 0.4220,
0.3987

64.4285, 0.3726,
0.3721

47.7038, 0.4489,
0.4093

71.1430, 0.3513,
0.3581

43.2025, 0.4759,
0.4165

78.4573, 0.3323,
0.3444

39.2006, 0.5014,
0.4191

86.3879, 0.3157,
0.3314

■ 35.6717, 0.5235,
0.4163

■ 94.5916, 0.3042,
0.3246

■ 33.1387, 0.5388,
0.4104

■ 97.4454, 0.3042,
0.3290

Harmonies

Analogous

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



58.2935, 0.4013, 0.3525



58.2935, 0.3963, 0.3859



58.2935, 0.3681, 0.4074

Triad

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



58.2935, 0.3963, 0.3859



58.2935, 0.2484, 0.3369



58.2935, 0.2943, 0.2636

Complementary

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



58.2935, 0.3963, 0.3859



48.3274, 0.2448, 0.2635

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.



58.2935, 0.2565, 0.2568



58.2935, 0.3963, 0.3859



58.2935, 0.2316, 0.2952

Square

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



58.2935, 0.3963, 0.3859



58.2935, 0.2824, 0.3799



58.2935, 0.2345, 0.2671



58.2935, 0.3399, 0.2849

Rectangle

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



58.2935, 0.3963, 0.3859



58.2935, 0.3409, 0.4099



58.2935, 0.2345, 0.2671



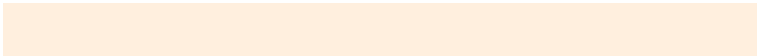
58.2935, 0.2803, 0.2595

Sweetspot

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



58.2963, 0.3963, 0.3859



88.2088, 0.3343, 0.3459



41.1967, 0.3661, 0.2742



18.4773, 0.3384, 0.3489



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.



58.2963, 0.3963, 0.3859



61.0039, 0.4173, 0.3965



83.5245, 0.3753, 0.4325



17.1046, 0.3280, 0.3412



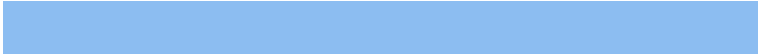
18.2376, 0.5363, 0.4124



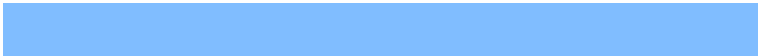
1.7164, 0.5168, 0.4279

Inverse Universe

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



48.3274, 0.2448, 0.2635



48.3240, 0.2315, 0.2478



30.6779, 0.2342, 0.1992



16.4948, 0.2980, 0.3165



10.6036, 0.1758, 0.1530



1.0806, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 58.2935, 0.3963, 0.3859 looks on a white background.

Color Contrast Check

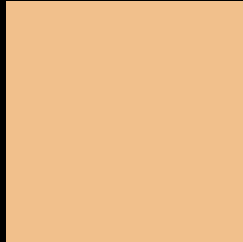
Large Text (above 18pt) WCAG AA × Fail

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 58.2935, 0.3963, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

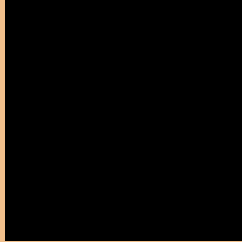
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2935, 0.3963, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 58.2935, 0.3963, 0.3859.



This preview shows how white text looks on a background with the Yxy color 58.2935, 0.3963, 0.3859.

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

58.2935, 0.3963, 0.3859

Protanopia

58.5386, 0.3688, 0.3958

Deuteranopia

58.5586, 0.3949, 0.3871



Tritanopia

58.1787, 0.3542, 0.3132

Trichromacy



Original Color

58.2935, 0.3963, 0.3859

Protanomaly

58.5401, 0.3784, 0.3919

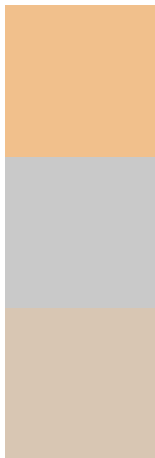
Deuteranomaly

58.5586, 0.3949, 0.3871

Tritanomaly

58.1675, 0.3698, 0.3389

Monochromacy



Original Color

58.2935, 0.3963, 0.3859

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2418, 0.3417, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2935, 0.3963, 0.3859 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(241, 192, 140)` looks like.

```
.text, #text, p{  
    color:rgb(241, 192, 140)  
}
```

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(241, 192, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 192, 140) }
```

Border

The CSS property to change the border of an element to Yxy 58.2935, 0.3963, 0.3859 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(241, 192, 140) }
```

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

```
.border{ border-color:rgb(241, 192, 140) }
```

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

Here you see how a box with a 4 pixel rgb(241, 192, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 192, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 192, 140);  
box-shadow:4px 4px 4px 4px rgb(241, 192,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2935, 0.3963, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 192, 140) }
```

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

```
.background{ background-color: rgb(241,  
192, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor