

Converting Colors

Yxy(57.4123, 0.4249, 0.3935)

Have a look what the booklet for
Yxy(57.4123, 0.4249, 0.3935)
contains.

Yxy(57.1988, 0.4247, 0.3931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1988, 0.4247, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	FEB97B
RGB	254, 185, 123
RGB Percent	100%, 73%, 48%
CMY	0.0039, 0.2745, 0.5178
CMYK	0.00, 0.27, 0.52, 0.00
HSL	28°, 99%, 74%
HSV	28°, 52%, 100%
XYZ	61.7968, 57.1988, 26.5114
YIQ	198.5630, 61.0260, -4.6540

Conversions

Conversions Part 2

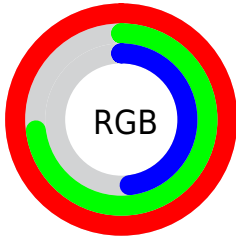
Format	Color
RYB	254, 241, 123
Decimal	16693627
CIELab	80.29, 18.11, 41.13
CIELCh	80, 44.941, 66.238
Yxy	57.1988, 0.4247, 0.3931
Android (android.graphics.Color)	4294883707 (0xFFFE97B)
YUV	198.5630, -37.2526, 48.6182
Hunter-Lab	75.6299, 13.4992, 32.1573

Details

The Yxy color **57.1988, 0.4247, 0.3931** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0493, 0.2305, 0.2518**, and the grayscale version is **57.0364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3052, 0.3635, 0.3941**, and **28.4529, 0.4511, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **51.3104, 0.4534, 0.4029**, and if you desaturate by 10%, it is **63.7842, 0.3977, 0.3813**.

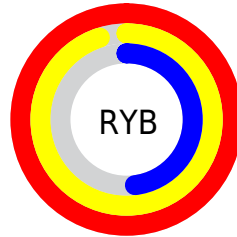
Distribution



Red (100%)

Green (73%)

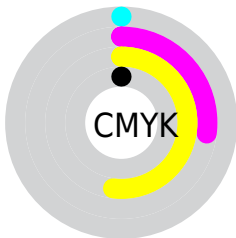
Blue (48%)



Red (100%)

Yellow (95%)

Blue (48%)

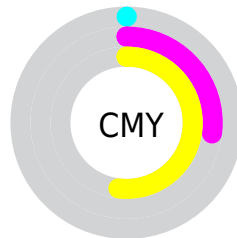


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1988, 0.4247, 0.3931 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 57.1988, 0.4247, 0.3931 by changing the saturation by 10% instead.


 57.1988, 0.4247,
0.3931

 57.1988, 0.4247,
0.3931


414.1938, 0.3712,
0.3652


 41.1649, 0.4370,
0.3986


 100.7552, 0.4060,
0.3840

 28.4479, 0.4520,
0.4049


 129.0465, 0.3987,
0.3803

 18.6636, 0.4706,
0.4118


 162.1923, 0.3925,
0.3770

 11.4275, 0.4940,
0.4188

200.5771, 0.3871,
0.3741

 6.3551, 0.5236,
0.4245

244.5853, 0.3824,
0.3715

 3.0622, 0.5690,
0.4310

294.6012, 0.3782,

 1.1643, 0.5972,

0.3692

0.4028

351.0092, 0.3745,
0.3671

0.0322, 0.9361,
0.0639

0.0000, 0.0000,
0.0000

57.1988, 0.4247,
0.3931

57.1988, 0.4247,
0.3931

51.3104, 0.4534,
0.4029

63.7842, 0.3977,
0.3813

46.0832, 0.4824,
0.4093

71.0838, 0.3731,
0.3685

41.4898, 0.5101,
0.4110

79.1244, 0.3512,
0.3555

37.4964, 0.5344,
0.4073

87.9285, 0.3319,
0.3428

■ 34.5664, 0.5515,
0.4003

■ 97.5178, 0.3152,
0.3308

99.8117, 0.3121,
0.3290

Harmonies

Analogous

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



57.1988, 0.4262, 0.3488



57.1988, 0.4247, 0.3931



57.1988, 0.3916, 0.4269

Triad

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



57.1988, 0.4247, 0.3931



57.1988, 0.2359, 0.3493



57.1988, 0.2783, 0.2431

Complementary

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



57.1988, 0.4247, 0.3931



49.0493, 0.2305, 0.2518

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.



57.1988, 0.2338, 0.2375



57.1988, 0.4247, 0.3931



57.1988, 0.2111, 0.2922

Square

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



57.1988, 0.4247, 0.3931



57.1988, 0.2819, 0.4057



57.1988, 0.2107, 0.2534



57.1988, 0.3368, 0.2669

Rectangle

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



57.1988, 0.4247, 0.3931



57.1988, 0.3578, 0.4361



57.1988, 0.2107, 0.2534



57.1988, 0.2614, 0.2390

Sweetspot

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



57.2016, 0.4247, 0.3931



85.5928, 0.3382, 0.3471



39.0736, 0.3799, 0.2579



17.9176, 0.3422, 0.3498



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.



57.2016, 0.4247, 0.3931



51.5316, 0.4546, 0.4032



90.6466, 0.3902, 0.4504



19.4055, 0.3282, 0.3403



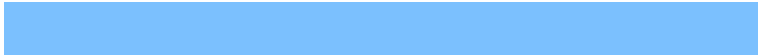
18.5135, 0.5489, 0.4024



2.0194, 0.5303, 0.4172

Inverse Universe

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



49.0493, 0.2305, 0.2518



42.4585, 0.2154, 0.2326



26.6305, 0.2140, 0.1691



18.9610, 0.2979, 0.3175



13.0226, 0.1796, 0.1663



1.4868, 0.1851, 0.1862

Previews

White Background



This preview shows how the Yxy color 57.1988, 0.4247, 0.3931 looks on a white background.

Color Contrast Check

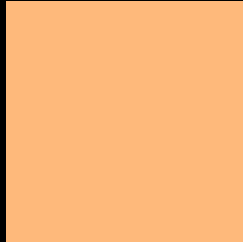
Large Text (above 18pt) WCAG AA × Fail

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 57.1988, 0.4247, 0.3931 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 57.1988, 0.4247, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 57.1988, 0.4247, 0.3931.



This preview shows how white text looks on a background with the Yxy color 57.1988, 0.4247, 0.3931.

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

57.1988, 0.4247, 0.3931

Protanopia

57.1835, 0.3808, 0.4108

Deuteranopia

57.5440, 0.4117, 0.4032



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.1988, 0.4247, 0.3931

Protanomaly

56.9389, 0.3959, 0.4043

Deuteranomaly

57.3932, 0.4163, 0.4001

Tritanomaly

57.0609, 0.3909, 0.3450

Monochromacy



Original Color

57.1988, 0.4247, 0.3931

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5839, 0.3514, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1988, 0.4247, 0.3931 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(254, 185, 123)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 123)  
}
```

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(254, 185, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 123) }
```

Border

The CSS property to change the border of an element to Yxy 57.1988, 0.4247, 0.3931 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(254, 185, 123) }
```

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

```
.border{ border-color:rgb(254, 185, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 185, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 123);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1988, 0.4247, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 123) }
```

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

```
.background{ background-color: rgb(254,  
185, 123) }
```

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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