

Converting Colors

Yxy(51.8285, 0.3967, 0.3684)

Have a look what the booklet for
Yxy(51.8285, 0.3967, 0.3684)
contains.

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Color

Yxy(51.8285, 0.3967, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	EDB28F
RGB	237, 178, 143
RGB Percent	93%, 70%, 56%
CMY	0.0705, 0.3020, 0.4392
CMYK	0.00, 0.25, 0.40, 0.07
HSL	22°, 72%, 75%
HSV	22°, 40%, 93%
XYZ	55.8099, 51.8285, 33.0470
YIQ	191.6510, 46.3990, 1.6230

Conversions

Conversions Part 2

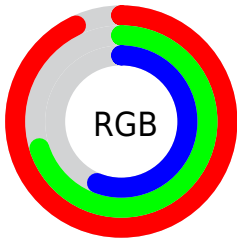
Format	Color
R _Y B	237, 199, 143
Decimal	15577743
CIE Lab	77.18, 17.06, 26.25
CIE LCh	77, 31.304, 56.973
Yxy	51.8285, 0.3967, 0.3684
Android (android.graphics.Color)	4293767823 (0xFFEDB28F)
YUV	191.6510, -23.9849, 39.7711
Hunter-Lab	71.9920, 12.3914, 23.1781

Details

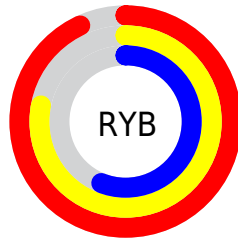
The Yxy color **51.8285, 0.3967, 0.3684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2102, 0.2512, 0.2853**, and the grayscale version is **52.6223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1369, 0.3515, 0.3663**, and **25.0236, 0.4197, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **45.5831, 0.4261, 0.3779**, and if you desaturate by 10%, it is **58.8730, 0.3707, 0.3582**.

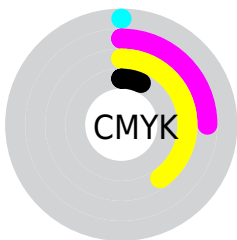
Distribution



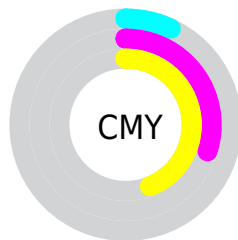
- Red (93%)
- Green (70%)
- Blue (56%)



- Red (93%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8285, 0.3967, 0.3684 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 51.8285, 0.3967, 0.3684 by changing the saturation by 10% instead.


 51.8285, 0.3967,
0.3684


 51.8285, 0.3967,
0.3684


393.7742, 0.3552,
0.3505

 36.8684, 0.4067,
0.3722


 92.8783, 0.3818,
0.3624

 25.1056, 0.4194,
0.3768


 119.7367, 0.3762,
0.3600

 16.1558, 0.4359,
0.3822


151.3301, 0.3714,
0.3579

 9.6344, 0.4579,
0.3884

188.0427, 0.3673,
0.3560

 5.1573, 0.4884,
0.3949

230.2591, 0.3637,
0.3544

 2.3398, 0.5477,
0.4109

278.3635, 0.3605,

 0.7947, 0.6049,

0.3530

332.7404, 0.3577,
0.3517

0.3951

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8285, 0.3967,
0.3684

51.8285, 0.3967,
0.3684

45.5831, 0.4261,
0.3779

58.8730, 0.3707,
0.3582

40.0994, 0.4584,
0.3858

66.7374, 0.3481,
0.3479

35.3475, 0.4923,
0.3907

75.4510, 0.3287,
0.3380

31.2925, 0.5255,
0.3914

85.0393, 0.3122,
0.3287

■ 27.8958, 0.5552,
0.3870

■ 95.1002, 0.3018,
0.3264

■ 25.1077, 0.5793,
0.3779

■ 96.7492, 0.3018,
0.3290

■ 25.0251, 0.5801,
0.3776

Harmonies

Analogous

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



51.8285, 0.3892, 0.3347



51.8285, 0.3967, 0.3684



51.8285, 0.3802, 0.3951

Triad

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



51.8285, 0.3967, 0.3684



51.8285, 0.2661, 0.3570



51.8285, 0.2765, 0.2621

Complementary

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



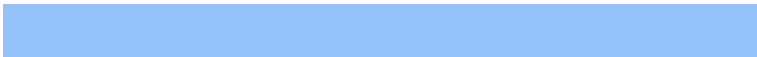
51.8285, 0.3967, 0.3684



54.2102, 0.2512, 0.2853

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.



51.8285, 0.2474, 0.2635



51.8285, 0.3967, 0.3684



51.8285, 0.2416, 0.3155

Square

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



51.8285, 0.3967, 0.3684



51.8285, 0.3039, 0.3916



51.8285, 0.2351, 0.2818



51.8285, 0.3172, 0.2760

Rectangle

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



51.8285, 0.3967, 0.3684



51.8285, 0.3586, 0.4043



51.8285, 0.2351, 0.2818



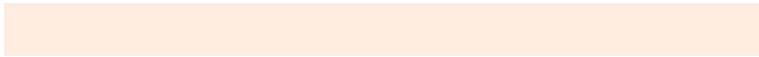
51.8285, 0.2652, 0.2608

Sweetspot

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



51.8310, 0.3967, 0.3684



86.5332, 0.3331, 0.3403



41.9435, 0.3493, 0.2641



18.2273, 0.3355, 0.3416



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.



51.8310, 0.3967, 0.3684



54.8457, 0.4216, 0.3766



73.5674, 0.3769, 0.4158



15.9724, 0.3284, 0.3378



13.8902, 0.5771, 0.3800



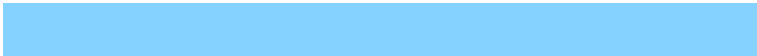
1.2698, 0.5510, 0.4007

Inverse Universe

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



54.2102, 0.2512, 0.2853



57.9927, 0.2389, 0.2739



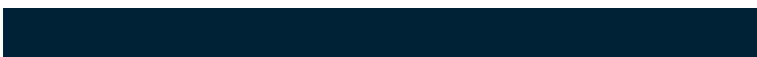
35.5762, 0.2417, 0.2238



16.1249, 0.2981, 0.3200



15.2971, 0.1896, 0.2024



1.3845, 0.1950, 0.2219

Previews

White Background



This preview shows how the Yxy color 51.8285, 0.3967, 0.3684 looks on a white background.

Color Contrast Check

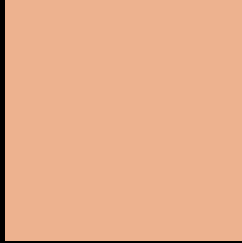
Large Text (above 18pt) WCAG AA × Fail

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 51.8285, 0.3967, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

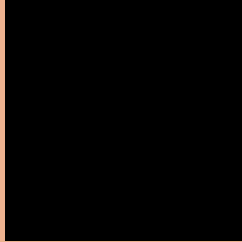
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8285, 0.3967, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 51.8285, 0.3967, 0.3684.



This preview shows how white text looks on a background with the Yxy color 51.8285, 0.3967, 0.3684.

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

51.8285, 0.3967, 0.3684

Protanopia

52.1280, 0.3560, 0.3812

Deuteranopia

51.8275, 0.3845, 0.3769



Tritanopia

51.7086, 0.3640, 0.3149

Trichromacy



Original Color

51.8285, 0.3967, 0.3684

Protanomaly

51.6715, 0.3700, 0.3760

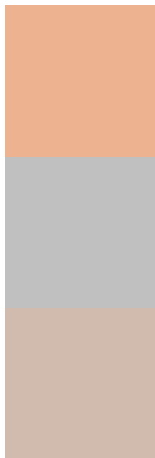
Deuteranomaly

51.6588, 0.3890, 0.3740

Tritanomaly

51.6996, 0.3764, 0.3336

Monochromacy



Original Color

51.8285, 0.3967, 0.3684

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0065, 0.3410, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8285, 0.3967, 0.3684 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(237, 178, 143)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 143)  
}
```

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(237, 178, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 143) }
```

Border

The CSS property to change the border of an element to Yxy 51.8285, 0.3967, 0.3684 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(237, 178, 143) }
```

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

```
.border{ border-color:rgb(237, 178, 143) }
```

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

Here you see how a box with a 4 pixel rgb(237, 178, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 178, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 178, 143);  
box-shadow:4px 4px 4px 4px rgb(237, 178,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8285, 0.3967, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 143) }
```

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

```
.background{ background-color: rgb(237,  
178, 143) }
```

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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