

Converting Colors

Yxy(68.8143, 0.3654, 0.3823)

Have a look what the booklet for
Yxy(68.8143, 0.3654, 0.3823)
contains.

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Color

Yxy(68.8143, 0.3654, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6A5
RGB	237, 214, 165
RGB Percent	93%, 84%, 65%
CMY	0.0704, 0.1608, 0.3529
CMYK	0.00, 0.10, 0.30, 0.07
HSL	41°, 67%, 79%
HSV	41°, 30%, 93%
XYZ	65.7723, 68.8143, 45.4142
YIQ	215.2910, 29.4370, -10.3630

Conversions

Conversions Part 2

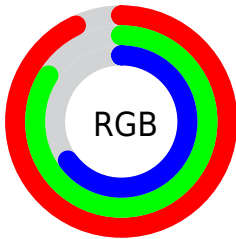
Format	Color
RYB	199, 237, 165
Decimal	15586981
CIELab	86.41, 0.82, 27.14
CIElCh	86, 27.154, 88.264
Yxy	68.8143, 0.3654, 0.3823
Android (android.graphics.Color)	4293777061 (0xFFEDD6A5)
YUV	215.2910, -24.7935, 19.0388
Hunter-Lab	82.9544, -3.6424, 25.6092

Details

The Yxy color **68.8143, 0.3654, 0.3823** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1027, 0.2622, 0.2691**, and the grayscale version is **68.3234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **35.6918, 0.3775, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **64.2836, 0.3855, 0.4001**, and if you desaturate by 10%, it is **73.6900, 0.3465, 0.3643**.

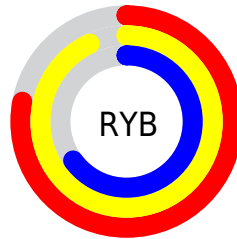
Distribution



Red (93%)

Green (84%)

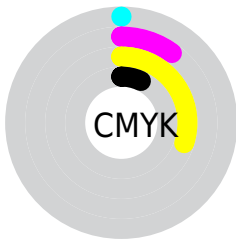
Blue (65%)



Red (78%)

Yellow (93%)

Blue (65%)

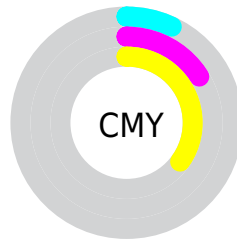


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8143, 0.3654, 0.3823 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 68.8143, 0.3654, 0.3823 by changing the saturation by 10% instead.


 68.8143, 0.3654,
0.3823


 68.8143, 0.3654,
0.3823


456.3757, 0.3409,
0.3576

 50.5605, 0.3709,
0.3879


 117.5163, 0.3569,
0.3738

 35.8589, 0.3778,
0.3947


 148.7333, 0.3536,
0.3705

 24.3253, 0.3863,
0.4032

185.0401, 0.3508,
0.3676

 15.5751, 0.3973,
0.4142

226.8212, 0.3483,
0.3651

 9.2240, 0.4117,
0.4285

274.4609, 0.3461,
0.3629

 4.8876, 0.4312,
0.4476

328.3436, 0.3442,

 2.1814, 0.4826,

0.3609

0.4989

388.8538, 0.3425,
0.3592

0.7098, 0.4946,
0.5054

0.0000, 0.0000,
0.0000

68.8143, 0.3654,
0.3823

68.8143, 0.3654,
0.3823

64.2836, 0.3855,
0.4001

73.6900, 0.3465,
0.3643

60.0771, 0.4062,
0.4167

78.9117, 0.3291,
0.3466

56.1858, 0.4270,
0.4312

84.4925, 0.3133,
0.3296

52.5965, 0.4468,
0.4424

90.1275, 0.3018,
0.3184

■ 49.2940, 0.4646,
0.4492

■ 94.7932, 0.3018,
0.3259

■ 46.2611, 0.4795,
0.4510

■ 96.7508, 0.3018,
0.3290

■ 43.5739, 0.4910,
0.4483

Harmonies

Analogous

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



68.8143, 0.3788, 0.3622



68.8143, 0.3654, 0.3823



68.8143, 0.3380, 0.3886

Triad

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



68.8143, 0.3654, 0.3823



68.8143, 0.2554, 0.3176



68.8143, 0.3180, 0.2871

Complementary

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



68.8143, 0.3654, 0.3823



50.1027, 0.2622, 0.2691

Split Complementary

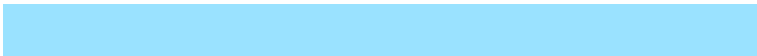
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8143, 0.2854, 0.2755



68.8143, 0.3654, 0.3823



68.8143, 0.2507, 0.2911

Square

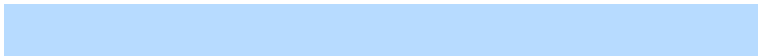
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8143, 0.3654, 0.3823



68.8143, 0.2748, 0.3497



68.8143, 0.2613, 0.2765



68.8143, 0.3508, 0.3086

Rectangle

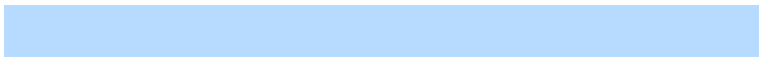
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8143, 0.3654, 0.3823



68.8143, 0.3159, 0.3827



68.8143, 0.2613, 0.2765



68.8143, 0.3067, 0.2820

Sweetspot

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



68.8174, 0.3654, 0.3823



94.0140, 0.3269, 0.3442



48.5973, 0.3584, 0.3025



19.9228, 0.3293, 0.3468



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.



68.8174, 0.3654, 0.3823



78.1052, 0.3768, 0.3926



79.3188, 0.3499, 0.4072



16.7672, 0.3276, 0.3450



24.0287, 0.4895, 0.4495



2.0592, 0.4774, 0.4592

Inverse Universe

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



50.1027, 0.2622, 0.2691



52.9761, 0.2517, 0.2556



42.3765, 0.2677, 0.2420



15.3355, 0.2980, 0.3125



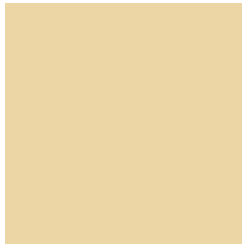
6.3560, 0.1625, 0.1048



0.6671, 0.1701, 0.1323

Previews

White Background



This preview shows how the Yxy color 68.8143, 0.3654, 0.3823 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 68.8143, 0.3654, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

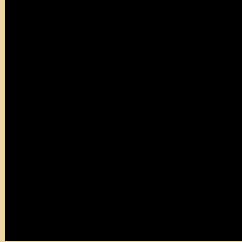
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8143, 0.3654, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 68.8143, 0.3654, 0.3823.



This preview shows how white text looks on a background with the Yxy color 68.8143, 0.3654, 0.3823.

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

68.8143, 0.3654, 0.3823

Protanopia

68.8538, 0.3593, 0.3842

Deuteranopia

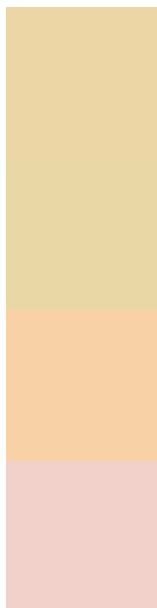
68.9358, 0.3802, 0.3728



Tritanopia

68.6496, 0.3302, 0.3124

Trichromacy



Original Color

68.8143, 0.3654, 0.3823

Protanomaly

68.6777, 0.3612, 0.3829

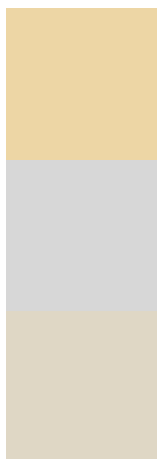
Deuteranomaly

68.8028, 0.3747, 0.3756

Tritanomaly

68.5187, 0.3430, 0.3376

Monochromacy



Original Color

68.8143, 0.3654, 0.3823

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3201, 0.3311, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8143, 0.3654, 0.3823 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, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 165)  
}
```

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, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 165) }
```

Border

The CSS property to change the border of an element to Yxy 68.8143, 0.3654, 0.3823 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, 214, 165) }
```

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

```
.border{ border-color:rgb(237, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8143, 0.3654, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 165) }
```

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

```
.background{ background-color: rgb(237,  
214, 165) }
```

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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