

Converting Colors

Yxy(67.7323, 0.3678, 0.4129)

Have a look what the booklet for
Yxy(67.7323, 0.3678, 0.4129)
contains.

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Color

Yxy(67.8140, 0.3683, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	DFDA8F
RGB	223, 218, 143
RGB Percent	87%, 85%, 56%
CMY	0.1255, 0.1451, 0.4392
CMYK	0.00, 0.02, 0.36, 0.13
HSL	56°, 56%, 72%
HSV	56°, 36%, 87%
XYZ	60.4597, 67.8140, 35.8851
YIQ	210.9450, 27.0550, -22.2650

Conversions

Conversions Part 2

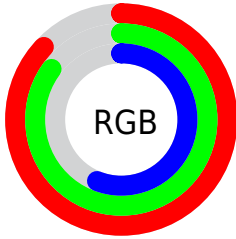
Format	Color
RYB	148, 223, 143
Decimal	14670479
CIELab	85.91, -9.27, 37.56
CIELCh	86, 38.691, 103.864
Yxy	67.8140, 0.3683, 0.4131
Android (android.graphics.Color)	4292860559 (0xFFDFDA8F)
YUV	210.9450, -33.4969, 10.5722
Hunter-Lab	82.3493, -13.0590, 31.8078

Details

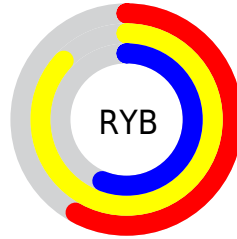
The Yxy color **67.8140, 0.3683, 0.4131** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3408, 0.2485, 0.2281**, and the grayscale version is **65.3163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **35.1652, 0.3811, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **66.4886, 0.3834, 0.4351**, and if you desaturate by 10%, it is **69.2860, 0.3526, 0.3897**.

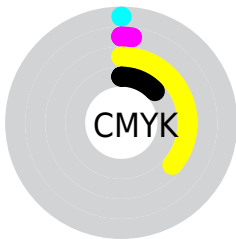
Distribution



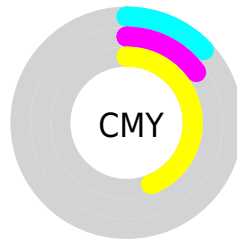
- Red (87%)
- Green (85%)
- Blue (56%)



- Red (58%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8140, 0.3683, 0.4131 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 67.8140, 0.3683, 0.4131 by changing the saturation by 10% instead.


 67.8140, 0.3683,
0.4131

 67.8140, 0.3683,
0.4131


452.8367, 0.3432,
0.3735

 49.7464, 0.3737,
0.4221


 116.0860, 0.3598,
0.3993

 35.2120, 0.3802,
0.4332


 147.0593, 0.3564,
0.3940

 23.8262, 0.3880,
0.4471


183.1032, 0.3535,
0.3894

 15.2047, 0.3974,
0.4649

224.6022, 0.3509,
0.3854

 8.9632, 0.4084,
0.4878

271.9406, 0.3487,
0.3818

 4.7172, 0.4233,
0.5217

325.5029, 0.3466,

 2.0823, 0.4353,

0.3787

0.5647

385.6735, 0.3448,
0.3760

0.6546, 0.3769,
0.6231

0.0000, 0.0000,
0.0000

67.8140, 0.3683,
0.4131

67.8140, 0.3683,
0.4131

66.4886, 0.3834,
0.4351

69.2860, 0.3526,
0.3897

65.2924, 0.3971,
0.4548

70.9026, 0.3368,
0.3659

64.2198, 0.4090,
0.4713

72.6739, 0.3214,
0.3424

63.2606, 0.4186,
0.4837

74.6060, 0.3068,
0.3198

■ 62.4033, 0.4254,
0.4917

■ 76.7052, 0.2930,
0.2984

■ 61.6335, 0.4295,
0.4954

■ 77.4930, 0.2927,
0.2994

■ 61.3313, 0.4308,
0.4961

■ 78.2543, 0.2928,
0.3009

■ 79.0217, 0.2928,
0.3023

■ 79.7952, 0.2929,
0.3038

Harmonies

Analogous

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



67.8140, 0.3999, 0.3913



67.8140, 0.3683, 0.4131



67.8140, 0.3231, 0.4107

Triad

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



67.8140, 0.3683, 0.4131



67.8140, 0.2264, 0.2900



67.8140, 0.3451, 0.2846

Complementary

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



67.8140, 0.3683, 0.4131



32.3408, 0.2485, 0.2281

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.



67.8140, 0.2965, 0.2611



67.8140, 0.3683, 0.4131



67.8140, 0.2311, 0.2619

Square

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



67.8140, 0.3683, 0.4131



67.8140, 0.2425, 0.3336



67.8140, 0.2556, 0.2526



67.8140, 0.3870, 0.3184

Rectangle

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



67.8140, 0.3683, 0.4131



67.8140, 0.2918, 0.3931



67.8140, 0.2556, 0.2526



67.8140, 0.3288, 0.2754

Sweetspot

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



67.8171, 0.3683, 0.4131



97.2119, 0.3294, 0.3546



37.4784, 0.3930, 0.3229



20.7377, 0.3315, 0.3578



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.



67.8171, 0.3683, 0.4131



90.5482, 0.3796, 0.4297



65.4904, 0.3398, 0.4266



15.8754, 0.3269, 0.3507



36.1251, 0.4306, 0.4963



2.5489, 0.4287, 0.4978

Inverse Universe

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



32.3408, 0.2485, 0.2281



35.7899, 0.2330, 0.2031



34.3949, 0.2760, 0.2292



13.3798, 0.2981, 0.3063



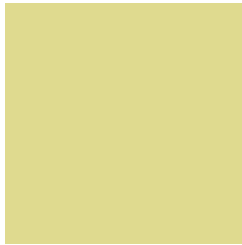
3.3714, 0.1512, 0.0641



0.2827, 0.1544, 0.0758

Previews

White Background



This preview shows how the Yxy color 67.8140, 0.3683, 0.4131 looks on a white background.

Color Contrast Check

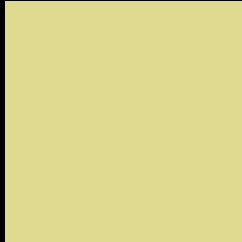
Large Text (above 18pt) WCAG AA × Fail

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 67.8140, 0.3683, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

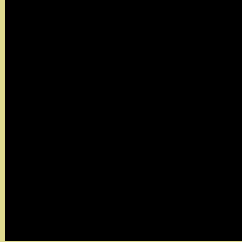
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

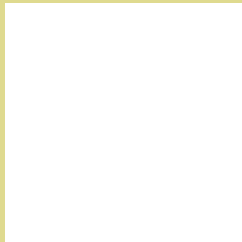
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8140, 0.3683, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 67.8140, 0.3683, 0.4131.



This preview shows how white text looks on a background with the Yxy color 67.8140, 0.3683, 0.4131.

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

67.8140, 0.3683, 0.4131

Protanopia

67.8775, 0.3781, 0.4088

Deuteranopia

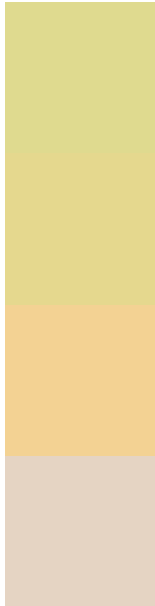
67.6046, 0.3939, 0.3870



Tritanopia

67.6494, 0.3195, 0.3119

Trichromacy



Original Color

67.8140, 0.3683, 0.4131

Protanomaly

67.7227, 0.3745, 0.4107

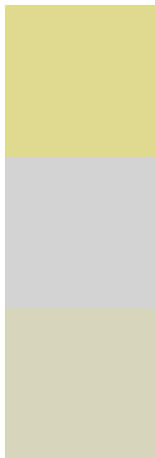
Deuteranomaly

67.2545, 0.3847, 0.3964

Tritanomaly

67.6851, 0.3376, 0.3478

Monochromacy



Original Color

67.8140, 0.3683, 0.4131

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0854, 0.3329, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8140, 0.3683, 0.4131 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(223, 218, 143)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 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(223, 218, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 143) }
```

Border

The CSS property to change the border of an element to Yxy 67.8140, 0.3683, 0.4131 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(223, 218, 143) }
```

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

```
.border{ border-color:rgb(223, 218, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 143);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8140, 0.3683, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 143) }
```

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

```
.background{ background-color: rgb(223,  
218, 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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