

Converting Colors

Yxy(60.9563, 0.3644, 0.4230)

Have a look what the booklet for
Yxy(60.9563, 0.3644, 0.4230)
contains.

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Color

Yxy(60.7110, 0.3647, 0.4232)

Conversions

Conversions Part 1

Format	Color
Hex	CDD283
RGB	205, 210, 131
RGB Percent	80%, 82%, 51%
CMY	0.1961, 0.1764, 0.4863
CMYK	0.02, 0.00, 0.38, 0.18
HSL	64°, 47%, 67%
HSV	64°, 38%, 82%
XYZ	52.3188, 60.7110, 30.4272
YIQ	199.4990, 22.3790, -25.6290

Conversions

Conversions Part 2

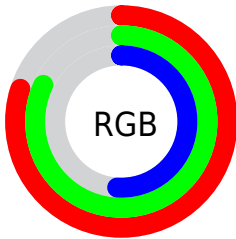
Format	Color
RYB	131, 210, 136
Decimal	13488771
CIELab	82.22, -13.60, 38.59
CIElCh	82, 40.921, 109.416
Yxy	60.7110, 0.3647, 0.4232
Android (android.graphics.Color)	4291678851 (0xFFCDD283)
YUV	199.4990, -33.7700, 4.8244
Hunter-Lab	77.9173, -16.4986, 31.3889

Details

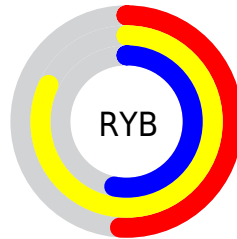
The Yxy color **60.7110, 0.3647, 0.4232** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.1155, 0.2482, 0.2168**, and the grayscale version is **57.6362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **30.8402, 0.3759, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **60.0124, 0.3772, 0.4467**, and if you desaturate by 10%, it is **61.5321, 0.3512, 0.3982**.

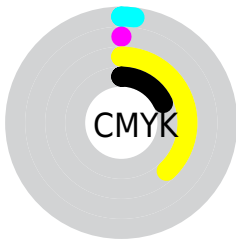
Distribution



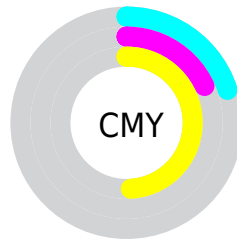
- Red (80%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)





- Cyan (20%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7110, 0.3647, 0.4232 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 60.7110, 0.3647, 0.4232 by changing the saturation by 10% instead.


 60.7110, 0.3647,
0.4232

 60.7110, 0.3647,
0.4232


427.2136, 0.3412,
0.3776


 43.9920, 0.3697,
0.4339


 105.8604, 0.3568,
0.4071

 30.6642, 0.3757,
0.4472


 135.0595, 0.3536,
0.4009

 20.3433, 0.3827,
0.4641


 169.1875, 0.3508,
0.3956

 12.6448, 0.3907,
0.4859

208.6287, 0.3484,
0.3910

 7.1844, 0.3992,
0.5146

253.7675, 0.3463,
0.3870

 3.5777, 0.4233,
0.5767

304.9883, 0.3444,

 1.4403, 0.3997,

0.3835

0.6003

362.6755, 0.3427,
0.3804

■ 0.2461, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7110, 0.3647,
0.4232

■ 60.7110, 0.3647,
0.4232

■ 60.0124, 0.3772,
0.4467

■ 61.5321, 0.3512,
0.3982

■ 59.4210, 0.3881,
0.4677

■ 62.4739, 0.3372,
0.3728

■ 58.9319, 0.3968,
0.4854


■ 63.5451, 0.3232,
0.3476

■ 58.5361, 0.4031,
0.4989


■ 64.7513, 0.3095,
0.3234

 58.2234, 0.4068,
0.5081


 66.0977, 0.2965,
0.3004

 57.9793, 0.4080,
0.5131

 67.4605, 0.2855,
0.2811

 57.9259, 0.4082,
0.5141

 67.6604, 0.2864,
0.2812

 67.8619, 0.2873,
0.2813

 68.0650, 0.2882,
0.2814

Harmonies

Analogous

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



60.7110, 0.4033, 0.4025



60.7110, 0.3647, 0.4232



60.7110, 0.3140, 0.4153

Triad

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



60.7110, 0.3647, 0.4232



60.7110, 0.2181, 0.2788



60.7110, 0.3578, 0.2867

Complementary

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



60.7110, 0.3647, 0.4232



26.1155, 0.2482, 0.2168

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.



60.7110, 0.3043, 0.2589



60.7110, 0.3647, 0.4232



60.7110, 0.2272, 0.2523

Square

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



60.7110, 0.3647, 0.4232



60.7110, 0.2312, 0.3240



60.7110, 0.2574, 0.2463



60.7110, 0.4007, 0.3245

Rectangle

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



60.7110, 0.3647, 0.4232



60.7110, 0.2805, 0.3923



60.7110, 0.2574, 0.2463



60.7110, 0.3402, 0.2760

Sweetspot

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



60.7137, 0.3647, 0.4232



97.9876, 0.3280, 0.3563



32.6509, 0.4027, 0.3343



20.9241, 0.3300, 0.3598



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.



60.7137, 0.3647, 0.4232



93.3273, 0.3746, 0.4419



55.9009, 0.3335, 0.4338



13.7579, 0.3256, 0.3520



35.3480, 0.4084, 0.5140



1.9882, 0.4105, 0.5123

Inverse Universe

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



26.1155, 0.2482, 0.2168



32.3009, 0.2320, 0.1893



29.9319, 0.2825, 0.2267



11.4529, 0.2991, 0.3050



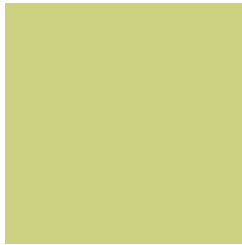
2.9073, 0.1522, 0.0612



0.1754, 0.1592, 0.0651

Previews

White Background



This preview shows how the Yxy color 60.7110, 0.3647, 0.4232 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 60.7110, 0.3647, 0.4232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

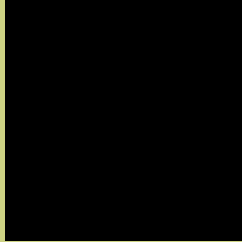
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7110, 0.3647, 0.4232

Background



This preview shows how black text looks on a background with the Yxy color 60.7110, 0.3647, 0.4232.



This preview shows how white text looks on a background with the Yxy color 60.7110, 0.3647, 0.4232.

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

60.7110, 0.3647, 0.4232

Protanopia

60.4587, 0.3836, 0.4143

Deuteranopia

60.1639, 0.4029, 0.3943



Tritanopia

60.6619, 0.3135, 0.3121

Trichromacy



Original Color

60.7110, 0.3647, 0.4232

Protanomaly

60.3532, 0.3762, 0.4172

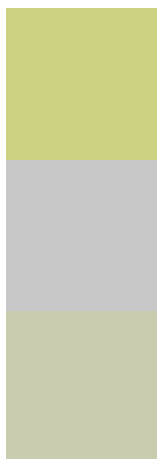
Deuteranomaly

59.8250, 0.3885, 0.4041

Tritanomaly

60.4953, 0.3328, 0.3525

Monochromacy



Original Color

60.7110, 0.3647, 0.4232

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8374, 0.3322, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7110, 0.3647, 0.4232 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(205, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 131)  
}
```

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(205, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 131) }
```

Border

The CSS property to change the border of an element to Yxy 60.7110, 0.3647, 0.4232 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(205, 210, 131) }
```

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

```
.border{ border-color:rgb(205, 210, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7110, 0.3647, 0.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 131) }
```

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

```
.background{ background-color: rgb(205,  
210, 131) }
```

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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