

Converting Colors

Yxy(67.8120, 0.3600, 0.4196)

Have a look what the booklet for
Yxy(67.8120, 0.3600, 0.4196)
contains.

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Color

Yxy(67.8120, 0.3600, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	D5DD8E
RGB	213, 221, 142
RGB Percent	84%, 87%, 56%
CMY	0.1647, 0.1333, 0.4431
CMYK	0.04, 0.00, 0.36, 0.13
HSL	66°, 54%, 71%
HSV	66°, 36%, 87%
XYZ	58.1800, 67.8120, 35.6191
YIQ	209.6020, 20.5910, -26.2650

Conversions

Conversions Part 2

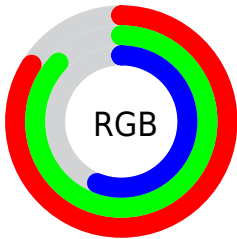
Format	Color
RYB	142, 221, 150
Decimal	14015886
CIELab	85.91, -14.74, 37.90
CIELCh	86, 40.670, 111.251
Yxy	67.8120, 0.3600, 0.4196
Android (android.graphics.Color)	4292205966 (0xFFD5DD8E)
YUV	209.6020, -33.3278, 2.9800
Hunter-Lab	82.3480, -17.9965, 31.9981

Details

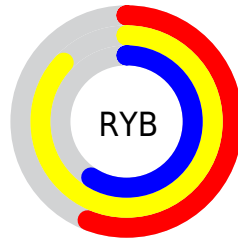
The Yxy color **67.8120, 0.3600, 0.4196** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.0576, 0.2542, 0.2236**, and the grayscale version is **64.3889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **35.1787, 0.3697, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **66.8829, 0.3720, 0.4441**, and if you desaturate by 10%, it is **68.8834, 0.3470, 0.3940**.

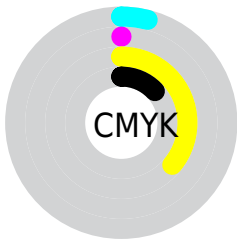
Distribution



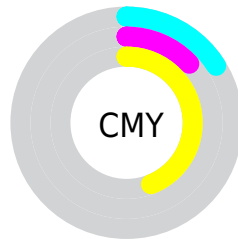
- Red (84%)
- Green (87%)
- Blue (56%)



- Red (56%)
- Yellow (87%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)





- Cyan (16%)
- Magenta (13%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8120, 0.3600, 0.4196 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 67.8120, 0.3600, 0.4196 by changing the saturation by 10% instead.


 67.8120, 0.3600,
0.4196


 67.8120, 0.3600,
0.4196


452.8296, 0.3390,
0.3764

 49.7448, 0.3644,
0.4296


 116.0832, 0.3530,
0.4045

 35.2107, 0.3696,
0.4419


 147.0559, 0.3502,
0.3986

 23.8252, 0.3757,
0.4575


183.0993, 0.3477,
0.3936

 15.2040, 0.3828,
0.4777

224.5977, 0.3456,
0.3893

 8.9627, 0.3906,
0.5042

271.9356, 0.3436,
0.3855

 4.7169, 0.4009,
0.5445


325.4972, 0.3419,

 2.0821, 0.4035,


0.3821


0.5965


385.6671, 0.3404,
0.3791


 0.6545, 0.2861,
0.7139


 0.0000, 0.0000,
0.0000


 67.8120, 0.3600,
0.4196


 67.8120, 0.3600,
0.4196


 66.8829, 0.3720,
0.4441


 68.8834, 0.3470,
0.3940


 66.0791, 0.3826,
0.4663

 70.0953, 0.3336,
0.3682

 65.3951, 0.3911,
0.4855


 71.4572, 0.3202,
0.3430


 64.8211, 0.3971,
0.5006


 72.9755, 0.3073,
0.3189


 64.3457, 0.4006,
0.5113


 74.6560, 0.2949,
0.2963

 63.9548, 0.4015,
0.5176

 75.1756, 0.2949,
0.2940

 63.8036, 0.4014,
0.5195

 75.5410, 0.2964,
0.2941

 75.9113, 0.2979,
0.2943

 76.2863, 0.2994,
0.2944

Harmonies

Analogous

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



67.8120, 0.3980, 0.4015



67.8120, 0.3600, 0.4196



67.8120, 0.3111, 0.4098

Triad

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



67.8120, 0.3600, 0.4196



67.8120, 0.2216, 0.2789



67.8120, 0.3589, 0.2904

Complementary

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



67.8120, 0.3600, 0.4196



31.0576, 0.2542, 0.2236

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.



67.8120, 0.3079, 0.2628



67.8120, 0.3600, 0.4196



67.8120, 0.2317, 0.2544

Square

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



67.8120, 0.3600, 0.4196



67.8120, 0.2330, 0.3214



67.8120, 0.2620, 0.2496



67.8120, 0.3987, 0.3273

Rectangle

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



67.8120, 0.3600, 0.4196



67.8120, 0.2792, 0.3868



67.8120, 0.2620, 0.2496



67.8120, 0.3423, 0.2798

Sweetspot

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



67.8151, 0.3600, 0.4196



97.7880, 0.3273, 0.3564



39.1119, 0.3949, 0.3388



20.8762, 0.3292, 0.3599



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.



67.8151, 0.3600, 0.4196



92.7878, 0.3693, 0.4384



62.6232, 0.3298, 0.4293



15.1933, 0.3251, 0.3522



37.0911, 0.4017, 0.5192



2.4227, 0.4048, 0.5168

Inverse Universe

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



31.0576, 0.2542, 0.2236



34.6923, 0.2391, 0.1973



35.4427, 0.2879, 0.2329



12.6800, 0.2997, 0.3049



3.1572, 0.1536, 0.0620



0.2265, 0.1633, 0.0673

Previews

White Background



This preview shows how the Yxy color 67.8120, 0.3600, 0.4196 looks on a white background.

Color Contrast Check

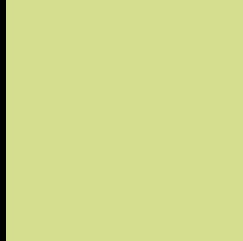
Large Text (above 18pt) WCAG AA × Fail

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 67.8120, 0.3600, 0.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

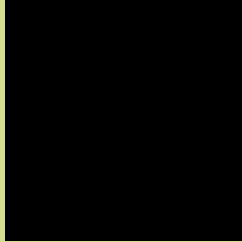
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8120, 0.3600, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 67.8120, 0.3600, 0.4196.



This preview shows how white text looks on a background with the Yxy color 67.8120, 0.3600, 0.4196.

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

67.8120, 0.3600, 0.4196

Protanopia

67.7886, 0.3802, 0.4119

Deuteranopia

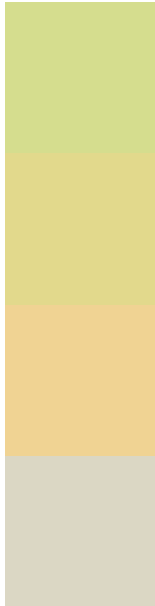
67.6046, 0.3939, 0.3870



Tritanopia

67.8226, 0.3106, 0.3117

Trichromacy



Original Color

67.8120, 0.3600, 0.4196

Protanomaly

67.6879, 0.3731, 0.4146

Deuteranomaly

67.2204, 0.3819, 0.3980

Tritanomaly

67.6465, 0.3288, 0.3504

Monochromacy



Original Color

67.8120, 0.3600, 0.4196

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4448, 0.3306, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8120, 0.3600, 0.4196 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(213, 221, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 142)  
}
```

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(213, 221, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 142) }
```

Border

The CSS property to change the border of an element to Yxy 67.8120, 0.3600, 0.4196 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(213, 221, 142) }
```

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

```
.border{ border-color:rgb(213, 221, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8120, 0.3600, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 142) }
```

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

```
.background{ background-color: rgb(213,  
221, 142) }
```

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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