

Converting Colors

Yxy(66.4917, 0.3385, 0.3800)

Have a look what the booklet for
Yxy(66.4917, 0.3385, 0.3800)
contains.

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Color

Yxy(66.4917, 0.3385, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	D3D9AD
RGB	211, 217, 173
RGB Percent	83%, 85%, 68%
CMY	0.1724, 0.1491, 0.3215
CMYK	0.03, 0.00, 0.20, 0.15
HSL	68°, 37%, 76%
HSV	68°, 20%, 85%
XYZ	59.2301, 66.4917, 49.2564
YIQ	210.1900, 10.5480, -14.9560

Conversions

Conversions Part 2

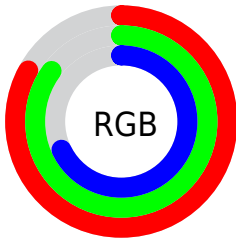
Format	Color
RYB	173, 217, 179
Decimal	13883821
CIELab	85.25, -9.33, 21.03
CIELCh	85, 23.009, 113.928
Yxy	66.4917, 0.3385, 0.3800
Android (android.graphics.Color)	4292073901 (0xFFD3D9AD)
YUV	210.1900, -18.3347, 0.7104
Hunter-Lab	81.5424, -13.0420, 21.2651

Details

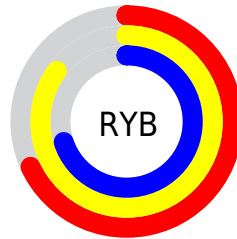
The Yxy color **66.4917, 0.3385, 0.3800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4836, 0.2837, 0.2740**, and the grayscale version is **64.7039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **34.2646, 0.3447, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **65.2918, 0.3512, 0.4060**, and if you desaturate by 10%, it is **67.8418, 0.3257, 0.3543**.

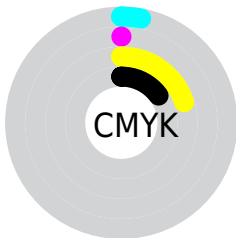
Distribution



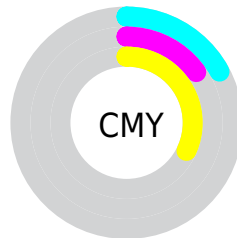
- Red (83%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4917, 0.3385, 0.3800 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 66.4917, 0.3385, 0.3800 by changing the saturation by 10% instead.


 66.4917, 0.3385,
0.3800

 66.4917, 0.3385,
0.3800


448.1333, 0.3266,
0.3556

 48.6717, 0.3412,
0.3858


 114.1918, 0.3344,
0.3714

 34.3591, 0.3444,
0.3930

144.8406, 0.3328,
0.3681

 23.1696, 0.3485,
0.4022


180.5344, 0.3314,
0.3653

 14.7188, 0.3537,
0.4145

221.6578, 0.3302,
0.3628

 8.6223, 0.3604,
0.4316

268.5949, 0.3292,
0.3607

 4.4956, 0.3694,
0.4569

321.7303, 0.3282,

 1.9545, 0.3921,

0.3588

0.5117

381.4483, 0.3274,
0.3571

0.5808, 0.3583,
0.6417

0.0000, 0.0000,
0.0000

66.4917, 0.3385,
0.3800

66.4917, 0.3385,
0.3800

65.2918, 0.3512,
0.4060

67.8418, 0.3257,
0.3543

64.2267, 0.3632,
0.4316

69.3395, 0.3130,
0.3296

63.2922, 0.3740,
0.4558

70.9935, 0.3009,
0.3064

62.4805, 0.3830,
0.4774

72.4952, 0.2924,
0.2894

61.7827, 0.3899,
0.4955

72.9649, 0.2943,
0.2897

61.1889, 0.3942,
0.5094

73.4428, 0.2963,
0.2899

60.6873, 0.3958,
0.5188

73.9288, 0.2983,
0.2901

60.2670, 0.3954,
0.5242

74.4230, 0.3003,
0.2904

74.9254, 0.3023,
0.2906

Harmonies

Analogous

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



66.4917, 0.3605, 0.3730



66.4917, 0.3385, 0.3800



66.4917, 0.3102, 0.3719

Triad

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



66.4917, 0.3385, 0.3800



66.4917, 0.2589, 0.2994



66.4917, 0.3416, 0.3084

Complementary

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



66.4917, 0.3385, 0.3800



44.4836, 0.2837, 0.2740

Split Complementary

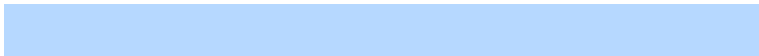
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4917, 0.3132, 0.2907



66.4917, 0.3385, 0.3800



66.4917, 0.2663, 0.2849

Square

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



66.4917, 0.3385, 0.3800



66.4917, 0.2650, 0.3234



66.4917, 0.2857, 0.2821



66.4917, 0.3627, 0.3313

Rectangle

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



66.4917, 0.3385, 0.3800



66.4917, 0.2918, 0.3588



66.4917, 0.2857, 0.2821



66.4917, 0.3326, 0.3017

Sweetspot

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



66.4946, 0.3385, 0.3800



98.6630, 0.3203, 0.3438



49.9613, 0.3515, 0.3361



21.0878, 0.3211, 0.3454



0.0000, 0.0000, 0.0000



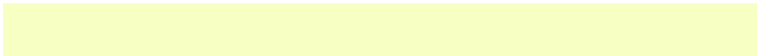
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4946, 0.3385, 0.3800



95.1296, 0.3435, 0.3903



63.4764, 0.3219, 0.3828



15.1699, 0.3246, 0.3522



36.5195, 0.3958, 0.5239



2.3911, 0.3999, 0.5207

Inverse Universe

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



44.4836, 0.2837, 0.2740



58.2821, 0.2771, 0.2619



47.3031, 0.3015, 0.2768



12.7012, 0.3002, 0.3050



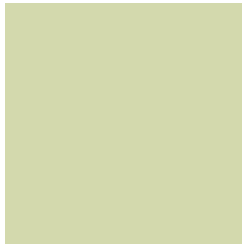
3.2202, 0.1555, 0.0630



0.2365, 0.1675, 0.0697

Previews

White Background



This preview shows how the Yxy color 66.4917, 0.3385, 0.3800 looks on a white background.

Color Contrast Check

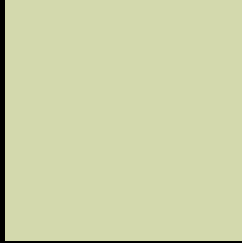
Large Text (above 18pt) WCAG AA × Fail

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 66.4917, 0.3385, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

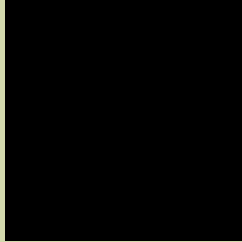
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

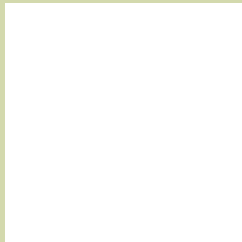
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4917, 0.3385, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 66.4917, 0.3385, 0.3800.



This preview shows how white text looks on a background with the Yxy color 66.4917, 0.3385, 0.3800.

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

66.4917, 0.3385, 0.3800

Protanopia

66.1960, 0.3528, 0.3751

Deuteranopia

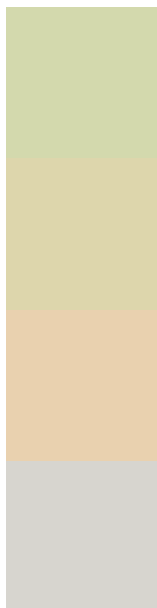
66.3901, 0.3670, 0.3601



Tritanopia

66.4896, 0.3077, 0.3114

Trichromacy



Original Color

66.4917, 0.3385, 0.3800

Protanomaly

66.4438, 0.3476, 0.3767

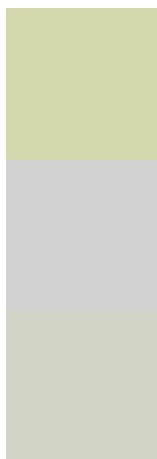
Deuteranomaly

66.0197, 0.3562, 0.3666

Tritanomaly

66.5406, 0.3183, 0.3358

Monochromacy



Original Color

66.4917, 0.3385, 0.3800

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.3214, 0.3215, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4917, 0.3385, 0.3800 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(211, 217, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 173)  
}
```

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(211, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 173) }
```

Border

The CSS property to change the border of an element to Yxy 66.4917, 0.3385, 0.3800 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(211, 217, 173) }
```

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

```
.border{ border-color:rgb(211, 217, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 217, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4917, 0.3385, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 173) }
```

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

```
.background{ background-color: rgb(211,  
217, 173) }
```

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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