

Converting Colors

Yxy(65.9633, 0.3403, 0.3831)

Have a look what the booklet for
Yxy(65.9633, 0.3403, 0.3831)
contains.

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Color

Yxy(65.7157, 0.3400, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	D2D8AA
RGB	210, 216, 170
RGB Percent	82%, 85%, 67%
CMY	0.1763, 0.1530, 0.3332
CMYK	0.03, 0.00, 0.21, 0.15
HSL	68°, 37%, 76%
HSV	68°, 21%, 85%
XYZ	58.3987, 65.7157, 47.6465
YIQ	208.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

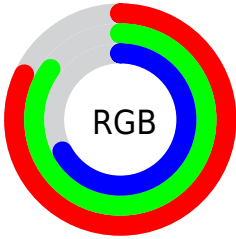
Format	Color
RYB	170, 216, 176
Decimal	13818026
CIELab	84.85, -9.64, 22.04
CIELCh	85, 24.055, 113.613
Yxy	65.7157, 0.3400, 0.3826
Android (android.graphics.Color)	4292008106 (0xFFD2D8AA)
YUV	208.9620, -19.2083, 0.9103
Hunter-Lab	81.0652, -13.2743, 21.8977

Details

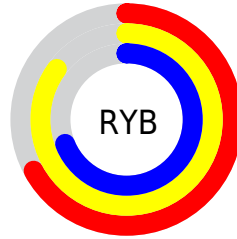
The Yxy color **65.7157, 0.3400, 0.3826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.9430, 0.2818, 0.2709**, and the grayscale version is **63.8623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **33.7663, 0.3458, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **64.5595, 0.3527, 0.4086**, and if you desaturate by 10%, it is **67.0192, 0.3271, 0.3569**.

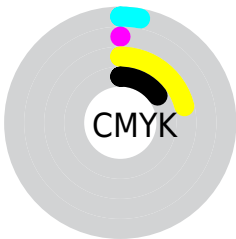
Distribution



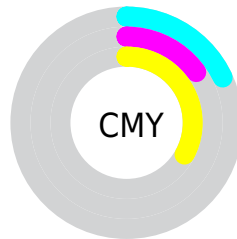
- Red (82%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)





- Cyan (18%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7157, 0.3400, 0.3826 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 65.7157, 0.3400, 0.3826 by changing the saturation by 10% instead.


 65.7157, 0.3400,
0.3826

 65.7157, 0.3400,
0.3826

445.3594, 0.3275,
0.3569

 48.0417, 0.3428,
0.3887


 113.0782, 0.3357,
0.3735

 33.8599, 0.3463,
0.3963


143.5354, 0.3340,
0.3700

 22.7860, 0.3506,
0.4061


179.0225, 0.3325,
0.3671

 14.4355, 0.3560,
0.4191

219.9238, 0.3313,
0.3645

 8.4242, 0.3631,
0.4372

266.6238, 0.3301,
0.3622

 4.3676, 0.3724,
0.4638

319.5068, 0.3291,

 1.8812, 0.4011,

0.3602

0.5288

378.9572, 0.3282,
0.3585

0.5371, 0.3388,
0.6612

0.0000, 0.0000,
0.0000

65.7157, 0.3400,
0.3826

65.7157, 0.3400,
0.3826

64.5595, 0.3527,
0.4086

67.0192, 0.3271,
0.3569

63.5354, 0.3647,
0.4340


68.4674, 0.3143,
0.3321


62.6390, 0.3755,
0.4578


70.0690, 0.3020,
0.3087

61.8626, 0.3844,
0.4790

71.7377, 0.2913,
0.2883

 61.1974, 0.3911,
0.4966


 72.1815, 0.2932,
0.2885

 60.6333, 0.3953,
0.5099

 72.6327, 0.2951,
0.2887

 60.1586, 0.3968,
0.5188

 73.0912, 0.2970,
0.2889

 59.7996, 0.3964,
0.5234

 73.5572, 0.2989,
0.2892

 74.0307, 0.3008,
0.2894

Harmonies

Analogous

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



65.7157, 0.3630, 0.3750



65.7157, 0.3400, 0.3826



65.7157, 0.3104, 0.3744

Triad

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



65.7157, 0.3400, 0.3826



65.7157, 0.2563, 0.2981



65.7157, 0.3428, 0.3071

Complementary

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



65.7157, 0.3400, 0.3826



42.9430, 0.2818, 0.2709

Split Complementary

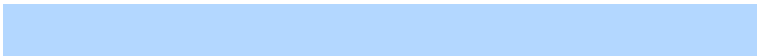
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7157, 0.3128, 0.2888



65.7157, 0.3400, 0.3826



65.7157, 0.2639, 0.2828

Square

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



65.7157, 0.3400, 0.3826



65.7157, 0.2629, 0.3233



65.7157, 0.2841, 0.2799



65.7157, 0.3650, 0.3311

Rectangle

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



65.7157, 0.3400, 0.3826



65.7157, 0.2910, 0.3606



65.7157, 0.2841, 0.2799



65.7157, 0.3332, 0.3002

Sweetspot

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



65.7186, 0.3400, 0.3826



98.6792, 0.3204, 0.3438



48.3112, 0.3541, 0.3356



21.0917, 0.3212, 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.



65.7186, 0.3400, 0.3826



94.8474, 0.3464, 0.3955



62.6581, 0.3229, 0.3856



14.4345, 0.3247, 0.3522



35.4309, 0.3968, 0.5231



2.1603, 0.4009, 0.5199

Inverse Universe

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



42.9430, 0.2818, 0.2709



55.3963, 0.2734, 0.2554



45.7714, 0.3002, 0.2739



12.0851, 0.3001, 0.3050



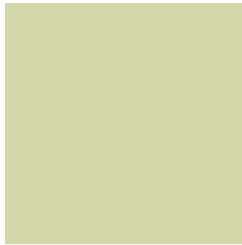
3.1068, 0.1552, 0.0629



0.2133, 0.1676, 0.0697

Previews

White Background



This preview shows how the Yxy color 65.7157, 0.3400, 0.3826 looks on a white background.

Color Contrast Check

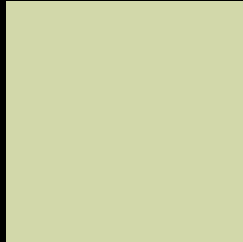
Large Text (above 18pt) WCAG AA × Fail

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 65.7157, 0.3400, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

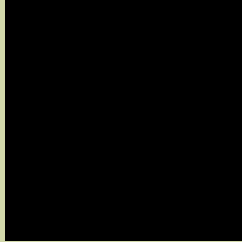
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

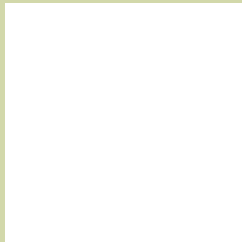
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7157, 0.3400, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 65.7157, 0.3400, 0.3826.



This preview shows how white text looks on a background with the Yxy color 65.7157, 0.3400, 0.3826.

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

65.7157, 0.3400, 0.3826

Protanopia

65.4232, 0.3544, 0.3776

Deuteranopia

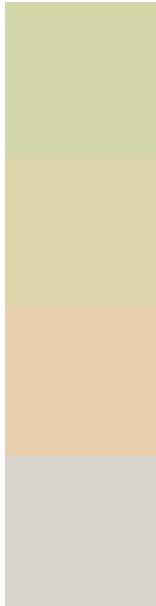
65.3218, 0.3700, 0.3612



Tritanopia

65.9426, 0.3084, 0.3114

Trichromacy



Original Color

65.7157, 0.3400, 0.3826

Protanomaly

65.6687, 0.3492, 0.3792

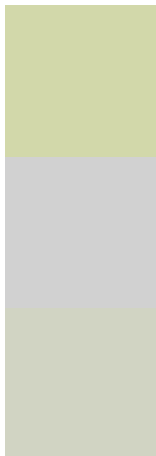
Deuteranomaly

65.4139, 0.3587, 0.3689

Tritanomaly

65.9418, 0.3198, 0.3369

Monochromacy



Original Color

65.7157, 0.3400, 0.3826

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5824, 0.3223, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7157, 0.3400, 0.3826 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(210, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(210, 216, 170)  
}
```

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(210, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.7157, 0.3400, 0.3826 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(210, 216, 170) }
```

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

```
.border{ border-color:rgb(210, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7157, 0.3400, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 170) }
```

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

```
.background{ background-color: rgb(210,  
216, 170) }
```

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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