

Converting Colors

Yxy(66.3680, 0.3316, 0.3884)

Have a look what the booklet for
Yxy(66.3680, 0.3316, 0.3884)
contains.

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Color

Yxy(66.3680, 0.3316, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	C8DCAA
RGB	200, 220, 170
RGB Percent	78%, 86%, 67%
CMY	0.2158, 0.1372, 0.3334
CMYK	0.09, 0.00, 0.23, 0.14
HSL	84°, 42%, 76%
HSV	84°, 23%, 86%
XYZ	56.6623, 66.3680, 47.8451
YIQ	208.3200, 4.1300, -19.7900

Conversions

Conversions Part 2

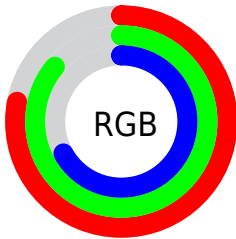
Format	Color
RYB	170, 220, 190
Decimal	13163690
CIELab	85.18, -15.32, 22.40
CIElCh	85, 27.144, 124.373
Yxy	66.3680, 0.3316, 0.3884
Android (android.graphics.Color)	4291353770 (0xFFC8DCAA)
YUV	208.3200, -18.8918, -7.2966
Hunter-Lab	81.4666, -18.4147, 22.2057

Details

The Yxy color **66.3680, 0.3316, 0.3884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8610, 0.2902, 0.2683**, and the grayscale version is **63.4164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **34.3293, 0.3356, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **64.4285, 0.3394, 0.4168**, and if you desaturate by 10%, it is **68.5226, 0.3233, 0.3612**.

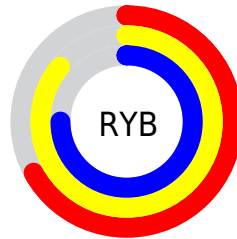
Distribution



Red (78%)

Green (86%)

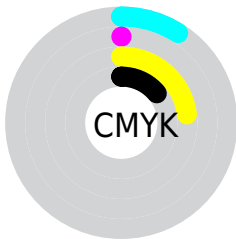
Blue (67%)



Red (67%)

Yellow (86%)

Blue (75%)

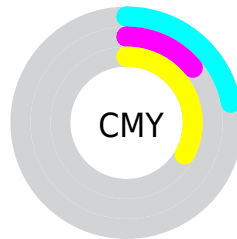


Cyan (9%)

Magenta (0%)

Yellow (23%)

Black (14%)



Cyan (22%)


Magenta (14%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3680, 0.3316, 0.3884 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 66.3680, 0.3316, 0.3884 by changing the saturation by 10% instead.

 66.3680, 0.3316,
0.3884

 66.3680, 0.3316,
0.3884


447.6918, 0.3232,
0.3597

 48.5712, 0.3334,
0.3952


 114.0144, 0.3288,
0.3782

 34.2794, 0.3356,
0.4038

144.6327, 0.3276,
0.3743

 23.1084, 0.3382,
0.4150


180.2937, 0.3266,
0.3710

 14.6735, 0.3414,
0.4299

221.3817, 0.3258,
0.3681

 8.5906, 0.3453,
0.4508

268.2811, 0.3250,
0.3656

 4.4751, 0.3495,
0.4821

321.3763, 0.3243,

 1.9427, 0.3679,

0.3634

0.5565

381.0518, 0.3237,
0.3615

0.5739, 0.2299,
0.7701

0.0000, 0.0000,
0.0000

66.3680, 0.3316,
0.3884

66.3680, 0.3316,
0.3884

64.4285, 0.3394,
0.4168

68.5226, 0.3233,
0.3612

62.6873, 0.3464,
0.4456

70.8911, 0.3150,
0.3357

61.1385, 0.3521,
0.4736

73.4836, 0.3068,
0.3121

59.7726, 0.3560,
0.4997

76.1128, 0.3008,
0.2936

■ 58.5792, 0.3576,
0.5223

■ 77.6519, 0.3068,
0.2942

■ 57.5461, 0.3569,
0.5404

■ 79.2662, 0.3128,
0.2948

■ 56.6593, 0.3537,
0.5533

■ 79.6730, 0.3143,
0.2950

■ 56.0907, 0.3504,
0.5600

Harmonies

Analogous

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



66.3680, 0.3613, 0.3856



66.3680, 0.3316, 0.3884



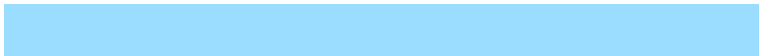
66.3680, 0.2979, 0.3728

Triad

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



66.3680, 0.3316, 0.3884



66.3680, 0.2509, 0.2865



66.3680, 0.3570, 0.3136

Complementary

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



66.3680, 0.3316, 0.3884



44.8610, 0.2902, 0.2683

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.



66.3680, 0.3252, 0.2904



66.3680, 0.3316, 0.3884



66.3680, 0.2647, 0.2745

Square

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



66.3680, 0.3316, 0.3884



66.3680, 0.2525, 0.3112



66.3680, 0.2913, 0.2763



66.3680, 0.3769, 0.3412

Rectangle

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



66.3680, 0.3316, 0.3884



66.3680, 0.2778, 0.3541



66.3680, 0.2913, 0.2763



66.3680, 0.3473, 0.3051

Sweetspot

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



66.3709, 0.3316, 0.3884



97.5725, 0.3186, 0.3464



54.9442, 0.3541, 0.3525



20.8413, 0.3191, 0.3480



0.0000, 0.0000, 0.0000



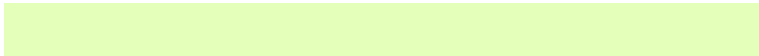
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3709, 0.3316, 0.3884



91.4720, 0.3352, 0.4010



63.2071, 0.3133, 0.3919



14.9903, 0.3206, 0.3525



32.9813, 0.3514, 0.5592



2.1863, 0.3623, 0.5505

Inverse Universe

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



44.8610, 0.2902, 0.2683



56.6555, 0.2849, 0.2550



48.3599, 0.3111, 0.2720



12.8704, 0.3043, 0.3053



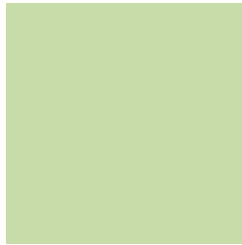
4.3141, 0.1850, 0.0793



0.3288, 0.2035, 0.0895

Previews

White Background



This preview shows how the Yxy color 66.3680, 0.3316, 0.3884 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 66.3680, 0.3316, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

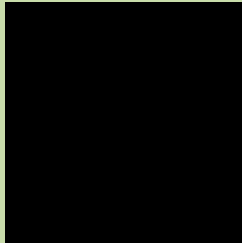
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

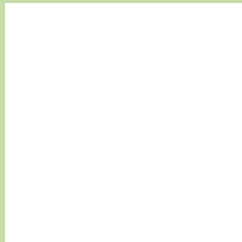
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3680, 0.3316, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 66.3680, 0.3316, 0.3884.



This preview shows how white text looks on a background with the Yxy color 66.3680, 0.3316, 0.3884.

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

66.3680, 0.3316, 0.3884

Protanopia

66.0089, 0.3564, 0.3808

Deuteranopia

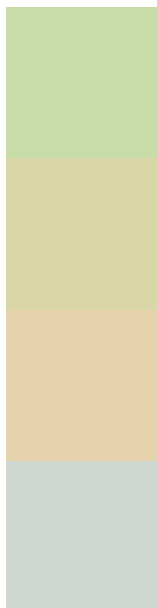
65.9770, 0.3705, 0.3621



Tritanopia

66.2994, 0.2992, 0.3101

Trichromacy



Original Color

66.3680, 0.3316, 0.3884

Protanomaly

66.1426, 0.3478, 0.3841

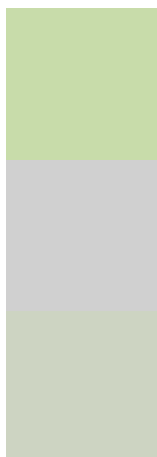
Deuteranomaly

65.8947, 0.3558, 0.3714

Tritanomaly

66.2768, 0.3109, 0.3370

Monochromacy



Original Color

66.3680, 0.3316, 0.3884

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9611, 0.3199, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3680, 0.3316, 0.3884 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(200, 220, 170)` looks like.

```
.text, #text, p{  
    color:rgb(200, 220, 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(200, 220, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 220, 170) }
```

Border

The CSS property to change the border of an element to Yxy 66.3680, 0.3316, 0.3884 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(200, 220, 170) }
```

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

```
.border{ border-color:rgb(200, 220, 170) }
```

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

Here you see how a box with a 4 pixel rgb(200, 220, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 220, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 220, 170);  
box-shadow:4px 4px 4px 4px rgb(200, 220,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3680, 0.3316, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 220, 170) }
```

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

```
.background{ background-color: rgb(200,  
220, 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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