

Converting Colors

$Yxy(66.5690, 0.3339, 0.3899)$

Have a look what the booklet for
Yxy(66.5690, 0.3339, 0.3899)
contains.

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Color

Yxy(66.6075, 0.3338, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	CADCA9
RGB	202, 220, 169
RGB Percent	79%, 86%, 66%
CMY	0.2078, 0.1372, 0.3373
CMYK	0.08, 0.00, 0.23, 0.14
HSL	81°, 42%, 76%
HSV	81°, 23%, 86%
XYZ	57.1117, 66.6075, 47.3764
YIQ	208.8040, 5.6430, -19.6770

Conversions

Conversions Part 2

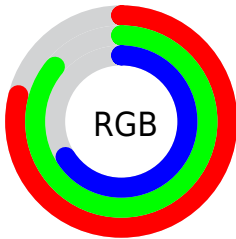
Format	Color
RYB	169, 220, 187
Decimal	13294761
CIELab	85.31, -14.74, 23.11
CIELCh	85, 27.411, 122.527
Yxy	66.6075, 0.3338, 0.3893
Android (android.graphics.Color)	4291484841 (0xFFCADCA9)
YUV	208.8040, -19.6234, -5.9671
Hunter-Lab	81.6134, -17.9122, 22.7117

Details

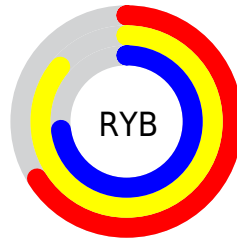
The Yxy color **66.6075, 0.3338, 0.3893** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1030, 0.2877, 0.2666**, and the grayscale version is **63.7551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **34.4905, 0.3384, 0.4042** is the 20% darker color. If you saturate the color by 10%, you get **64.7967, 0.3424, 0.4173**, and if you desaturate by 10%, it is **68.6177, 0.3247, 0.3623**.

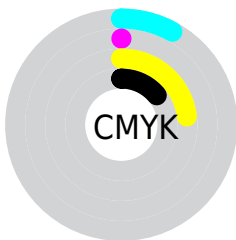
Distribution



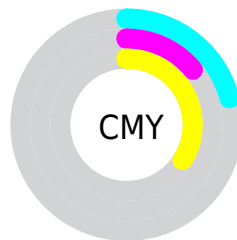
- Red (79%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (86%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)





- Cyan (21%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6075, 0.3338, 0.3893 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 66.6075, 0.3338, 0.3893 by changing the saturation by 10% instead.

 66.6075, 0.3338,
0.3893

 66.6075, 0.3338,
0.3893


448.5464, 0.3244,
0.3602

 48.7657, 0.3358,
0.3962


 114.3578, 0.3306,
0.3790

 34.4337, 0.3383,
0.4049


145.0351, 0.3293,
0.3750

 23.2270, 0.3413,
0.4161


180.7598, 0.3282,
0.3717

 14.7612, 0.3450,
0.4311

221.9161, 0.3273,
0.3688

 8.6519, 0.3494,
0.4521

268.8886, 0.3264,
0.3662

 4.5149, 0.3545,
0.4833

322.0615, 0.3256,

 1.9655, 0.3757,

0.3640

0.5592

381.8193, 0.3250,
0.3620

0.5873, 0.2525,
0.7475

0.0000, 0.0000,
0.0000

66.6075, 0.3338,
0.3893

66.6075, 0.3338,
0.3893

64.7967, 0.3424,
0.4173

68.6177, 0.3247,
0.3623

63.1687, 0.3502,
0.4455

70.8256, 0.3156,
0.3368

61.7181, 0.3566,
0.4727

73.2412, 0.3066,
0.3131

60.4358, 0.3612,
0.4977

75.7418, 0.2993,
0.2934

■ 59.3115, 0.3635,
0.5192

■ 77.0776, 0.3046,
0.2940

■ 58.3337, 0.3634,
0.5362

■ 78.4715, 0.3099,
0.2945

■ 57.4884, 0.3607,
0.5482

■ 79.6690, 0.3143,
0.2950

■ 56.9735, 0.3580,
0.5540

Harmonies

Analogous

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



66.6075, 0.3632, 0.3853



66.6075, 0.3338, 0.3893



66.6075, 0.2998, 0.3746

Triad

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



66.6075, 0.3338, 0.3893



66.6075, 0.2501, 0.2873



66.6075, 0.3557, 0.3118

Complementary

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



66.6075, 0.3338, 0.3893



44.1030, 0.2877, 0.2666

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.



66.6075, 0.3231, 0.2889



66.6075, 0.3338, 0.3893



66.6075, 0.2630, 0.2744

Square

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



66.6075, 0.3338, 0.3893



66.6075, 0.2526, 0.3129



66.6075, 0.2892, 0.2754



66.6075, 0.3767, 0.3395

Rectangle

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



66.6075, 0.3338, 0.3893



66.6075, 0.2792, 0.3562



66.6075, 0.2892, 0.2754



66.6075, 0.3456, 0.3034

Sweetspot

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



66.6104, 0.3338, 0.3893



97.7282, 0.3191, 0.3464



53.5554, 0.3557, 0.3501



20.8774, 0.3197, 0.3480



0.0000, 0.0000, 0.0000



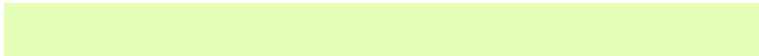
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6104, 0.3338, 0.3893



91.7552, 0.3382, 0.4034



63.3582, 0.3151, 0.3929



15.0221, 0.3213, 0.3525



33.4999, 0.3589, 0.5532



2.2178, 0.3688, 0.5453

Inverse Universe

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



44.1030, 0.2877, 0.2666



54.8600, 0.2812, 0.2515



47.5891, 0.3089, 0.2704



12.8395, 0.3036, 0.3052



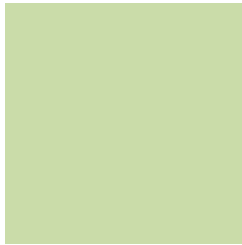
4.0305, 0.1777, 0.0752



0.3084, 0.1960, 0.0853

Previews

White Background



This preview shows how the Yxy color 66.6075, 0.3338, 0.3893 looks on a white background.

Color Contrast Check

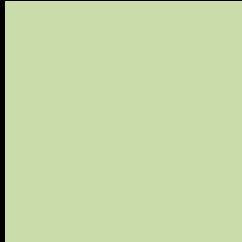
Large Text (above 18pt) WCAG AA × Fail

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 66.6075, 0.3338, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

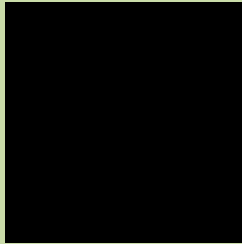
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

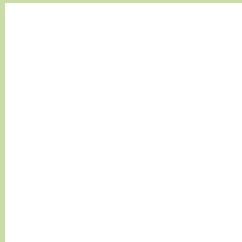
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6075, 0.3338, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 66.6075, 0.3338, 0.3893.



This preview shows how white text looks on a background with the Yxy color 66.6075, 0.3338, 0.3893.

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

66.6075, 0.3338, 0.3893

Protanopia

66.6726, 0.3570, 0.3817

Deuteranopia

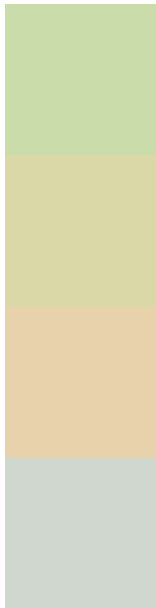
65.9384, 0.3713, 0.3632



Tritanopia

66.5930, 0.3006, 0.3101

Trichromacy



Original Color

66.6075, 0.3338, 0.3893

Protanomaly

66.8072, 0.3483, 0.3850

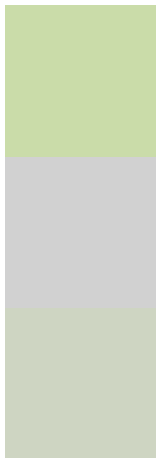
Deuteranomaly

66.0224, 0.3573, 0.3724

Tritanomaly

66.5158, 0.3130, 0.3381

Monochromacy



Original Color

66.6075, 0.3338, 0.3893

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6054, 0.3206, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6075, 0.3338, 0.3893 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(202, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 220, 169)  
}
```

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(202, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 220, 169) }
```

Border

The CSS property to change the border of an element to Yxy 66.6075, 0.3338, 0.3893 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(202, 220, 169) }
```

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

```
.border{ border-color:rgb(202, 220, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 220, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 220, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 220,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6075, 0.3338, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 220, 169) }
```

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

```
.background{ background-color: rgb(202,  
220, 169) }
```

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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