

Converting Colors

$Yxy(66.0070, 0.3417, 0.4083)$

Have a look what the booklet for
Yxy(66.0070, 0.3417, 0.4083)
contains.

Yxy(66.1881, 0.3413, 0.4089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1881, 0.3413, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	C7DD9A
RGB	199, 221, 154
RGB Percent	78%, 87%, 60%
CMY	0.2195, 0.1333, 0.3961
CMYK	0.10, 0.00, 0.30, 0.13
HSL	80°, 50%, 74%
HSV	80°, 30%, 87%
XYZ	55.2458, 66.1881, 40.4348
YIQ	206.7840, 8.3950, -25.5010

Conversions

Conversions Part 2

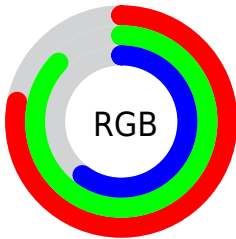
Format	Color
RYB	154, 221, 176
Decimal	13098394
CIELab	85.09, -18.47, 30.54
CIElCh	85, 35.689, 121.160
Yxy	66.1881, 0.3413, 0.4089
Android (android.graphics.Color)	4291288474 (0xFFC7DD9A)
YUV	206.7840, -26.0225, -6.8266
Hunter-Lab	81.3561, -21.1606, 27.4815

Details

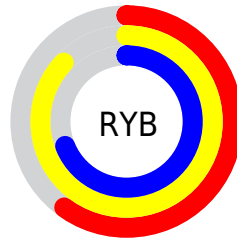
The Yxy color **66.1881, 0.3413, 0.4089** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5598, 0.2770, 0.2447**, and the grayscale version is **62.4204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **34.1610, 0.3468, 0.4302** is the 20% darker color. If you saturate the color by 10%, you get **64.5526, 0.3498, 0.4368**, and if you desaturate by 10%, it is **68.0122, 0.3321, 0.3813**.

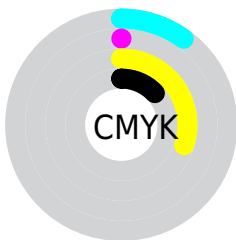
Distribution



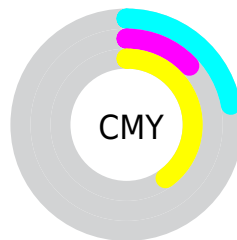
- Red (78%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1881, 0.3413, 0.4089 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 66.1881, 0.3413, 0.4089 by changing the saturation by 10% instead.


 66.1881, 0.3413,
0.4089


 66.1881, 0.3413,
0.4089


447.0493, 0.3287,
0.3702

 48.4251, 0.3439,
0.4181

 113.7563, 0.3371,
0.3952

 34.1637, 0.3470,
0.4297

 144.3302, 0.3354,
0.3899

 23.0194, 0.3506,
0.4445

179.9433, 0.3340,
0.3854

 14.6078, 0.3548,
0.4643

220.9799, 0.3327,
0.3815

 8.5446, 0.3592,
0.4915

267.8244, 0.3315,
0.3782

 4.4454, 0.3627,
0.5310


320.8612, 0.3305,

 1.9257, 0.3786,


0.3752


0.6214


380.4747, 0.3296,
0.3726

 0.5637, 0.1311,
0.8689


 0.0000, 0.0000,
0.0000


 66.1881, 0.3413,
0.4089


 66.1881, 0.3413,
0.4089


 64.5526, 0.3498,
0.4368

 68.0122, 0.3321,
0.3813

 63.0890, 0.3571,
0.4640


 70.0238, 0.3225,
0.3547

 61.7913, 0.3627,
0.4894

 72.2327, 0.3130,
0.3298

 60.6497, 0.3661,
0.5115


 74.6457, 0.3038,
0.3067


 59.6531, 0.3670,
0.5294


 76.6419, 0.3008,
0.2946

 58.7884, 0.3655,
0.5424

 77.9033, 0.3057,
0.2951

 58.0552, 0.3620,
0.5508

 79.2156, 0.3107,
0.2956

 80.1933, 0.3143,
0.2960

Harmonies

Analogous

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



66.1881, 0.3793, 0.4011



66.1881, 0.3413, 0.4089



66.1881, 0.2973, 0.3910

Triad

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



66.1881, 0.3413, 0.4089



66.1881, 0.2321, 0.2756



66.1881, 0.3671, 0.3050

Complementary

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



66.1881, 0.3413, 0.4089



37.5598, 0.2770, 0.2447

Split Complementary

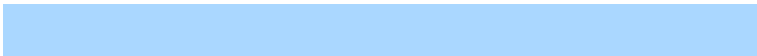
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.1881, 0.3237, 0.2767



66.1881, 0.3413, 0.4089



66.1881, 0.2475, 0.2591

Square

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



66.1881, 0.3413, 0.4089



66.1881, 0.2361, 0.3089



66.1881, 0.2801, 0.2602



66.1881, 0.3958, 0.3398

Rectangle

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



66.1881, 0.3413, 0.4089



66.1881, 0.2706, 0.3667



66.1881, 0.2801, 0.2602



66.1881, 0.3536, 0.2945

Sweetspot

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



66.1910, 0.3413, 0.4089



97.2088, 0.3213, 0.3515



48.4499, 0.3732, 0.3544



20.7147, 0.3227, 0.3553



0.0000, 0.0000, 0.0000



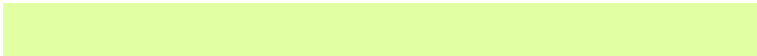
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1910, 0.3413, 0.4089



90.1600, 0.3465, 0.4256



62.1841, 0.3171, 0.4153



15.0387, 0.3217, 0.3524



33.7888, 0.3629, 0.5501



2.2350, 0.3723, 0.5426

Inverse Universe

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



37.5598, 0.2770, 0.2447



44.8649, 0.2682, 0.2259



41.8459, 0.3053, 0.2514



12.8236, 0.3032, 0.3052



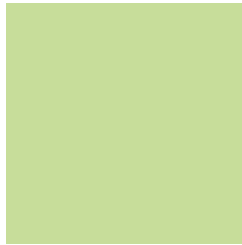
3.8993, 0.1742, 0.0733



0.2985, 0.1923, 0.0833

Previews

White Background



This preview shows how the Yxy color 66.1881, 0.3413, 0.4089 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 66.1881, 0.3413, 0.4089 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

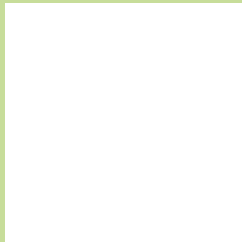
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1881, 0.3413, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 66.1881, 0.3413, 0.4089.



This preview shows how white text looks on a background with the Yxy color 66.1881, 0.3413, 0.4089.

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

66.1881, 0.3413, 0.4089

Protanopia

65.9470, 0.3704, 0.3981

Deuteranopia

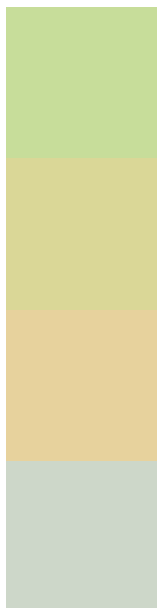
65.5045, 0.3850, 0.3766



Tritanopia

66.2437, 0.2999, 0.3111

Trichromacy



Original Color

66.1881, 0.3413, 0.4089

Protanomaly

65.7407, 0.3598, 0.4023

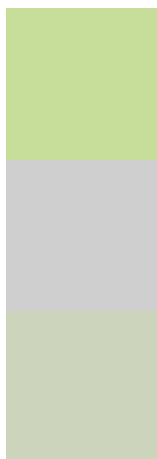
Deuteranomaly

65.5164, 0.3677, 0.3880

Tritanomaly

65.7971, 0.3149, 0.3452

Monochromacy



Original Color

66.1881, 0.3413, 0.4089

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.5552, 0.3234, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1881, 0.3413, 0.4089 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(199, 221, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 154)  
}
```

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(199, 221, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 154) }
```

Border

The CSS property to change the border of an element to Yxy 66.1881, 0.3413, 0.4089 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(199, 221, 154) }
```

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

```
.border{ border-color:rgb(199, 221, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 221, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 221, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 221, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 221,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1881, 0.3413, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 154) }
```

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

```
.background{ background-color: rgb(199,  
221, 154) }
```

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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