

Converting Colors

$Yxy(66.9000, 0.3280, 0.4052)$

Have a look what the booklet for
Yxy(66.9000, 0.3280, 0.4052)
contains.

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Color

Yxy(66.7388, 0.3280, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0A2
RGB	189, 224, 162
RGB Percent	74%, 88%, 64%
CMY	0.2590, 0.1215, 0.3646
CMYK	0.16, 0.00, 0.28, 0.12
HSL	94°, 50%, 76%
HSV	94°, 28%, 88%
XYZ	54.1572, 66.7388, 44.2173
YIQ	206.4670, -0.9580, -26.7020

Conversions

Conversions Part 2

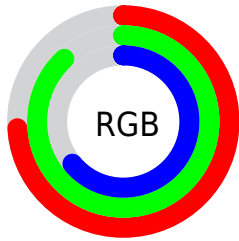
Format	Color
RYB	162, 224, 197
Decimal	12443810
CIELab	85.37, -22.43, 26.67
CIElCh	85, 34.850, 130.062
Yxy	66.7388, 0.3280, 0.4042
Android (android.graphics.Color)	4290633890 (0xFFBDE0A2)
YUV	206.4670, -21.9222, -15.3186
Hunter-Lab	81.6938, -24.6314, 25.0946

Details

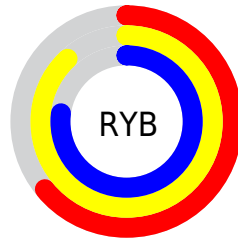
The Yxy color **66.7388, 0.3280, 0.4042** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1096, 0.2928, 0.2554**, and the grayscale version is **62.1782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1226, 0.3293, 0.3668**, and **34.6526, 0.3305, 0.4243** is the 20% darker color. If you saturate the color by 10%, you get **64.4653, 0.3327, 0.4347**, and if you desaturate by 10%, it is **69.3015, 0.3227, 0.3752**.

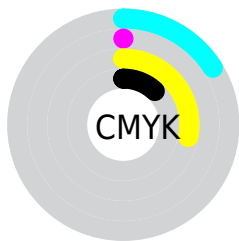
Distribution



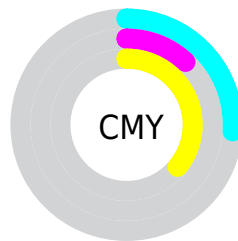
- Red (74%)
- Green (88%)
- Blue (64%)



- Red (64%)
- Yellow (88%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7388, 0.3280, 0.4042 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 66.7388, 0.3280, 0.4042 by changing the saturation by 10% instead.


 66.7388, 0.3280,
0.4042

 66.7388, 0.3280,
0.4042


449.0145, 0.3216,
0.3676

 48.8724, 0.3292,
0.4130


 114.5461, 0.3260,
0.3911

 34.5183, 0.3306,
0.4241


 145.2557, 0.3251,
0.3862

 23.2920, 0.3321,
0.4385


181.0152, 0.3244,
0.3819

 14.8093, 0.3336,
0.4578

222.2090, 0.3237,
0.3783

 8.6856, 0.3347,
0.4851

269.2214, 0.3231,
0.3751

 4.5367, 0.3338,
0.5257

322.4368, 0.3226,

 1.9781, 0.3555,

0.3723

0.6445

382.2397, 0.3221,
0.3698

0.5947, 0.0289,
0.9711

0.0000, 0.0000,
0.0000

66.7388, 0.3280,
0.4042

66.7388, 0.3280,
0.4042

64.4653, 0.3327,
0.4347

69.3015, 0.3227,
0.3752

62.4611, 0.3363,
0.4656


72.1551, 0.3171,
0.3482


60.7172, 0.3385,
0.4956


75.3125, 0.3114,
0.3235

59.2205, 0.3390,
0.5231

78.7828, 0.3058,
0.3012

 57.9566, 0.3374,
0.5464

 81.2886, 0.3123,
0.2988

 56.9089, 0.3338,
0.5642

 81.7987, 0.3141,
0.2990

 56.0564, 0.3286,
0.5760

 55.8794, 0.3273,
0.5783

Harmonies

Analogous

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



66.7388, 0.3680, 0.4038



66.7388, 0.3280, 0.4042



66.7388, 0.2856, 0.3797

Triad

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



66.7388, 0.3280, 0.4042



66.7388, 0.2366, 0.2704



66.7388, 0.3760, 0.3153

Complementary

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



66.7388, 0.3280, 0.4042



43.1096, 0.2928, 0.2554

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.



66.7388, 0.3367, 0.2851



66.7388, 0.3280, 0.4042



66.7388, 0.2570, 0.2594

Square

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



66.7388, 0.3280, 0.4042



66.7388, 0.2348, 0.2984



66.7388, 0.2928, 0.2651



66.7388, 0.3975, 0.3501

Rectangle

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



66.7388, 0.3280, 0.4042



66.7388, 0.2617, 0.3533



66.7388, 0.2928, 0.2651



66.7388, 0.3643, 0.3044

Sweetspot

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



66.7417, 0.3280, 0.4042



96.6327, 0.3173, 0.3491



57.9908, 0.3623, 0.3684



20.5542, 0.3182, 0.3531



0.0000, 0.0000, 0.0000



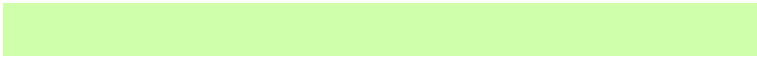
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7417, 0.3280, 0.4042



87.7805, 0.3307, 0.4210



63.7229, 0.3071, 0.4046



15.6271, 0.3181, 0.3528



32.5866, 0.3284, 0.5774



2.3109, 0.3405, 0.5678

Inverse Universe

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



43.1096, 0.2928, 0.2554



51.2610, 0.2878, 0.2394



46.9124, 0.3185, 0.2635



13.6237, 0.3069, 0.3054



5.8127, 0.2160, 0.0964



0.4556, 0.2316, 0.1049

Previews

White Background



This preview shows how the Yxy color 66.7388, 0.3280, 0.4042 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 66.7388, 0.3280, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

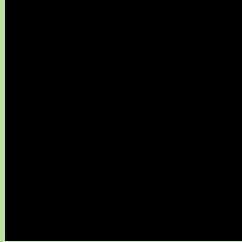
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7388, 0.3280, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 66.7388, 0.3280, 0.4042.

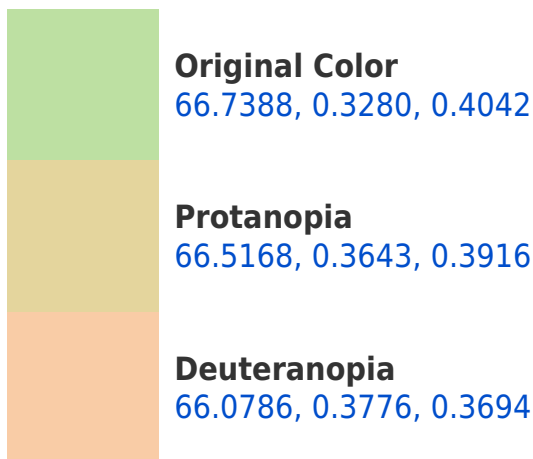


This preview shows how white text looks on a background with the Yxy color 66.7388, 0.3280, 0.4042.

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

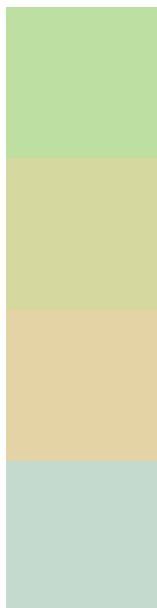




Tritanopia

66.7064, 0.2911, 0.3098

Trichromacy



Original Color

66.7388, 0.3280, 0.4042

Protanomaly

66.4251, 0.3505, 0.3960

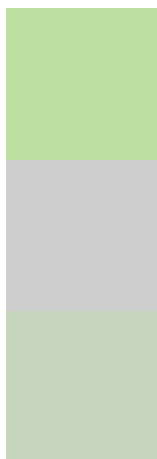
Deuteranomaly

65.6360, 0.3582, 0.3807

Tritanomaly

66.3836, 0.3043, 0.3418

Monochromacy



Original Color

66.7388, 0.3280, 0.4042

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.5856, 0.3188, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7388, 0.3280, 0.4042 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(189, 224, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 162)  
}
```

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(189, 224, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.7388, 0.3280, 0.4042 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(189, 224, 162) }
```

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

```
.border{ border-color:rgb(189, 224, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7388, 0.3280, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 162) }
```

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

```
.background{ background-color: rgb(189,  
224, 162) }
```

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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