

Converting Colors

Yxy(66.1230, 0.3233, 0.3800)

Have a look what the booklet for
Yxy(66.1230, 0.3233, 0.3800)
contains.

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Color

Yxy(66.0965, 0.3239, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	C4DCB1
RGB	196, 220, 177
RGB Percent	77%, 86%, 69%
CMY	0.2316, 0.1372, 0.3059
CMYK	0.11, 0.00, 0.20, 0.14
HSL	94°, 38%, 78%
HSV	94°, 20%, 86%
XYZ	56.2793, 66.0965, 51.3794
YIQ	207.9220, -0.5010, -18.4610

Conversions

Conversions Part 2

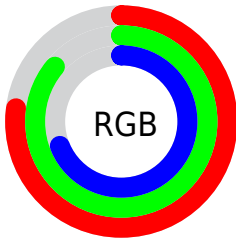
Format	Color
RYB	177, 220, 201
Decimal	12901553
CIELab	85.05, -15.68, 18.51
CIElCh	85, 24.258, 130.266
Yxy	66.0965, 0.3239, 0.3804
Android (android.graphics.Color)	4291091633 (0xFFC4DCB1)
YUV	207.9220, -15.2445, -10.4556
Hunter-Lab	81.2998, -18.7089, 19.4400

Details

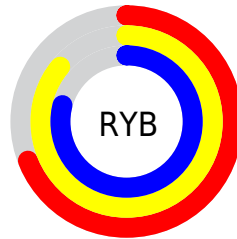
The Yxy color **66.0965, 0.3239, 0.3804** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0369, 0.2994, 0.2783**, and the grayscale version is **63.1181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2858, 0.3243, 0.3504**, and **34.1163, 0.3265, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **63.7077, 0.3292, 0.4097**, and if you desaturate by 10%, it is **68.7681, 0.3182, 0.3530**.

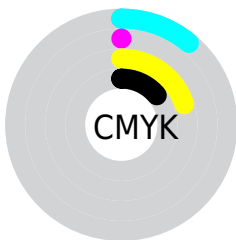
Distribution



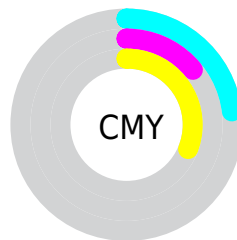
- Red (77%)
- Green (86%)
- Blue (69%)



- Red (69%)
- Yellow (86%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0965, 0.3239, 0.3804 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 66.0965, 0.3239, 0.3804 by changing the saturation by 10% instead.


 66.0965, 0.3239,
0.3804

 66.0965, 0.3239,
0.3804


446.7219, 0.3190,
0.3555

 48.3507, 0.3249,
0.3864

 113.6248, 0.3223,
0.3716

 34.1047, 0.3262,
0.3938


144.1762, 0.3216,
0.3682

 22.9741, 0.3276,
0.4036


179.7649, 0.3210,
0.3653

 14.5744, 0.3294,
0.4167

220.7753, 0.3205,
0.3628

 8.5212, 0.3314,
0.4352

267.5918, 0.3201,
0.3606

 4.4302, 0.3334,
0.4634

320.5988, 0.3197,

 1.9170, 0.3397,

0.3587

380.1807, 0.3193,
0.3571

0.5195

0.5586, 0.2096,
0.7904

0.0000, 0.0000,
0.0000

66.0965, 0.3239,
0.3804

66.0965, 0.3239,
0.3804

63.7077, 0.3292,
0.4097

68.7681, 0.3182,
0.3530

61.5831, 0.3338,
0.4402

71.7233, 0.3125,
0.3279

59.7149, 0.3373,
0.4710

74.9740, 0.3068,
0.3053

58.0915, 0.3393,
0.5006

77.8679, 0.3076,
0.2943

■ 56.7004, 0.3394,
0.5273

■ 79.6790, 0.3143,
0.2950

■ 55.5276, 0.3375,
0.5496

■ 54.5569, 0.3337,
0.5662

■ 53.7639, 0.3283,
0.5773

■ 53.7319, 0.3281,
0.5777

Harmonies

Analogous

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



66.0965, 0.3518, 0.3814



66.0965, 0.3239, 0.3804



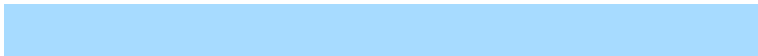
66.0965, 0.2940, 0.3635

Triad

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



66.0965, 0.3239, 0.3804



66.0965, 0.2585, 0.2879



66.0965, 0.3569, 0.3200

Complementary

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



66.0965, 0.3239, 0.3804



49.0369, 0.2994, 0.2783

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.



66.0965, 0.3300, 0.2978



66.0965, 0.3239, 0.3804



66.0965, 0.2735, 0.2794

Square

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



66.0965, 0.3239, 0.3804



66.0965, 0.2572, 0.3082



66.0965, 0.2993, 0.2832



66.0965, 0.3717, 0.3451

Rectangle

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



66.0965, 0.3239, 0.3804



66.0965, 0.2768, 0.3459



66.0965, 0.2993, 0.2832



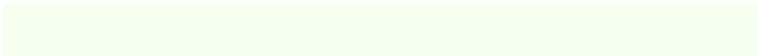
66.0965, 0.3489, 0.3120

Sweetspot

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



66.0994, 0.3239, 0.3804



97.4649, 0.3162, 0.3440



60.0072, 0.3460, 0.3564



20.8044, 0.3166, 0.3456



0.0000, 0.0000, 0.0000



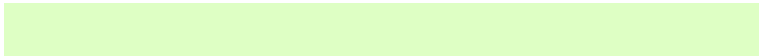
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0994, 0.3239, 0.3804



91.0772, 0.3259, 0.3908



63.8051, 0.3088, 0.3798



14.8852, 0.3182, 0.3527



31.5906, 0.3292, 0.5768



2.0971, 0.3420, 0.5666

Inverse Universe

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



49.0369, 0.2994, 0.2783



63.5464, 0.2964, 0.2682



51.7142, 0.3167, 0.2830



12.9749, 0.3068, 0.3055



5.5782, 0.2149, 0.0958



0.4121, 0.2316, 0.1049

Previews

White Background



This preview shows how the Yxy color 66.0965, 0.3239, 0.3804 looks on a white background.

Color Contrast Check

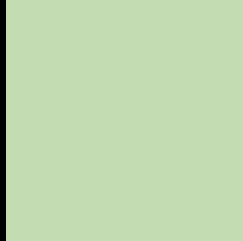
Large Text (above 18pt) WCAG AA × Fail

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 66.0965, 0.3239, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

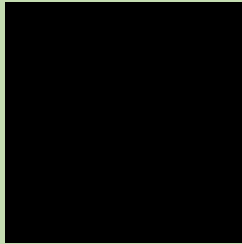
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

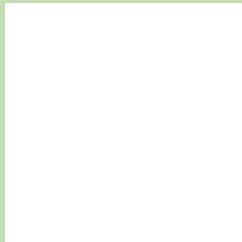
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0965, 0.3239, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 66.0965, 0.3239, 0.3804.

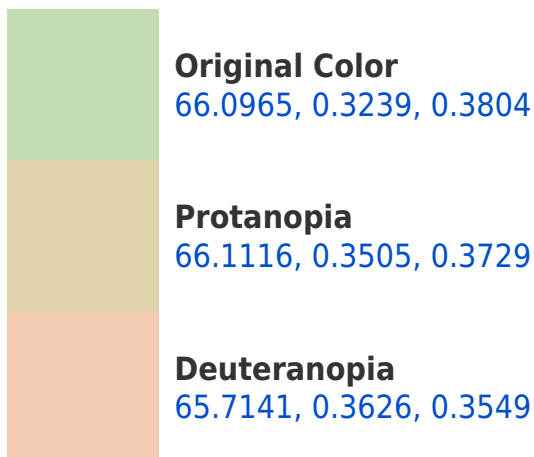


This preview shows how white text looks on a background with the Yxy color 66.0965, 0.3239, 0.3804.

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

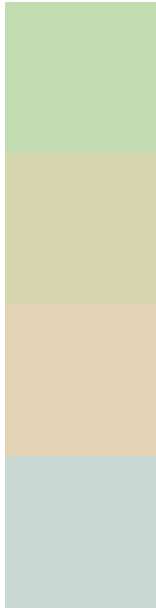




Tritanopia

66.1390, 0.2951, 0.3099

Trichromacy



Original Color

66.0965, 0.3239, 0.3804

Protanomaly

65.9530, 0.3405, 0.3763

Deuteranomaly

65.6788, 0.3482, 0.3638

Tritanomaly

66.2324, 0.3053, 0.3347

Monochromacy



Original Color

66.0965, 0.3239, 0.3804

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9556, 0.3171, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0965, 0.3239, 0.3804 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(196, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 177)  
}
```

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(196, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 177) }
```

Border

The CSS property to change the border of an element to Yxy 66.0965, 0.3239, 0.3804 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(196, 220, 177) }
```

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

```
.border{ border-color:rgb(196, 220, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 220, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 220, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 220, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 220,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0965, 0.3239, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 177) }
```

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

```
.background{ background-color: rgb(196,  
220, 177) }
```

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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