

Converting Colors

$Yxy(65.2028, 0.3169, 0.3577)$

Have a look what the booklet for
Yxy(65.2028, 0.3169, 0.3577)
contains.

Yxy(65.0596, 0.3165, 0.3573)	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(65.0596, 0.3165, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	C7D8C0
RGB	199, 216, 192
RGB Percent	78%, 85%, 75%
CMY	0.2195, 0.1530, 0.2470
CMYK	0.08, 0.00, 0.11, 0.15
HSL	102°, 24%, 80%
HSV	102°, 11%, 85%
XYZ	57.6305, 65.0596, 59.3967
YIQ	208.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

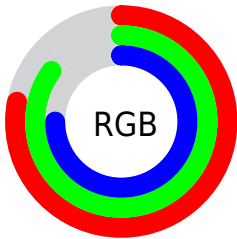
Format	Color
RYB	192, 216, 209
Decimal	13097152
CIELab	84.51, -10.06, 9.88
CIELCh	85, 14.100, 135.496
Yxy	65.0596, 0.3165, 0.3573
Android (android.graphics.Color)	4291287232 (0xFFC7D8C0)
YUV	208.1810, -7.9772, -8.0517
Hunter-Lab	80.6595, -13.6176, 12.8012

Details

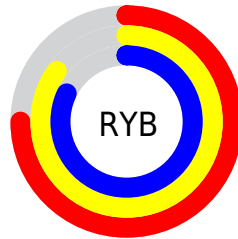
The Yxy color **65.0596, 0.3165, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2154, 0.3084, 0.3014**, and the grayscale version is **63.2589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **33.3736, 0.3168, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **62.1873, 0.3197, 0.3856**, and if you desaturate by 10%, it is **68.2879, 0.3131, 0.3317**.

Distribution



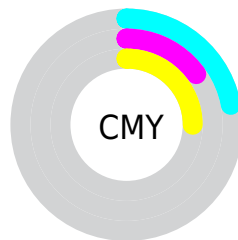
- Red (78%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0596, 0.3165, 0.3573 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 65.0596, 0.3165, 0.3573 by changing the saturation by 10% instead.

■ 65.0596, 0.3165,
0.3573

■ 65.0596, 0.3165,
0.3573

443.0061, 0.3148,
0.3437

■ 47.5094, 0.3169,
0.3605

■ 112.1355, 0.3159,
0.3525

■ 33.4385, 0.3173,
0.3646

142.4301, 0.3157,
0.3506

■ 22.4626, 0.3178,
0.3699

177.7415, 0.3155,
0.3491

■ 14.1972, 0.3185,
0.3770

218.4543, 0.3153,
0.3477

■ 8.2580, 0.3193,
0.3871

264.9527, 0.3152,
0.3465

■ 4.2605, 0.3202,
0.4025

317.6212, 0.3151,

■ 1.8203, 0.3211,

0.3455

0.4288

376.8442, 0.3149,
0.3445

0.4998, 0.3147,
0.6853

0.0000, 0.0000,
0.0000

65.0596, 0.3165,
0.3573

65.0596, 0.3165,
0.3573

62.1873, 0.3197,
0.3856

68.2879, 0.3131,
0.3317

59.6504, 0.3225,
0.4163

71.8754, 0.3096,
0.3088

57.4386, 0.3246,
0.4485

75.7188, 0.3074,
0.2902

55.5381, 0.3258,
0.4812

77.5896, 0.3145,
0.2910

■ 53.9339, 0.3258,
0.5127

■ 52.6098, 0.3243,
0.5409

■ 51.5476, 0.3214,
0.5640

■ 50.7266, 0.3171,
0.5804

■ 50.1730, 0.3129,
0.5898

Harmonies

Analogous

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



65.0596, 0.3333, 0.3599



65.0596, 0.3165, 0.3573



65.0596, 0.2991, 0.3464

Triad

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



65.0596, 0.3165, 0.3573



65.0596, 0.2815, 0.3036



65.0596, 0.3405, 0.3266

Complementary

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



65.0596, 0.3165, 0.3573



56.2154, 0.3084, 0.3014

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.



65.0596, 0.3260, 0.3125



65.0596, 0.3165, 0.3573



65.0596, 0.2920, 0.2993

Square

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



65.0596, 0.3165, 0.3573



65.0596, 0.2792, 0.3148



65.0596, 0.3082, 0.3026



65.0596, 0.3474, 0.3416

Rectangle

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



65.0596, 0.3165, 0.3573



65.0596, 0.2894, 0.3361



65.0596, 0.3082, 0.3026



65.0596, 0.3364, 0.3216

Sweetspot

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



65.0624, 0.3165, 0.3573



98.5051, 0.3138, 0.3364



63.9082, 0.3301, 0.3482



21.0004, 0.3140, 0.3384



0.0000, 0.0000, 0.0000



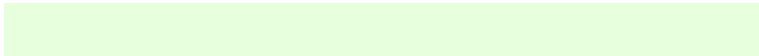
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0624, 0.3165, 0.3573



93.8664, 0.3172, 0.3628



64.3405, 0.3082, 0.3519



14.0702, 0.3159, 0.3528



29.7470, 0.3138, 0.5890



1.8365, 0.3270, 0.5786

Inverse Universe

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



56.2154, 0.3084, 0.3014



78.8495, 0.3076, 0.2961



57.0169, 0.3176, 0.3072



12.4418, 0.3092, 0.3057



6.9894, 0.2484, 0.1142



0.4631, 0.2614, 0.1213

Previews

White Background



This preview shows how the Yxy color 65.0596, 0.3165, 0.3573 looks on a white background.

Color Contrast Check

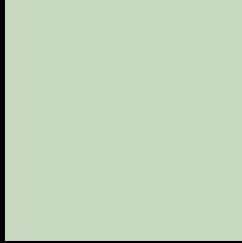
Large Text (above 18pt) WCAG AA × Fail

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 65.0596, 0.3165, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

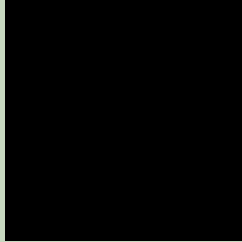
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

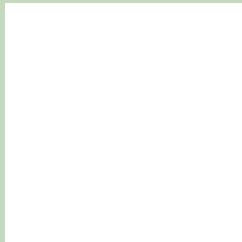
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0596, 0.3165, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 65.0596, 0.3165, 0.3573.

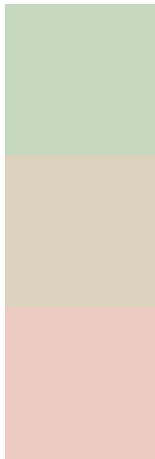


This preview shows how white text looks on a background with the Yxy color 65.0596, 0.3165, 0.3573.

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

65.0596, 0.3165, 0.3573

Protanopia

64.9830, 0.3353, 0.3529

Deuteranopia

64.6565, 0.3455, 0.3378



Tritanopia

65.1691, 0.2970, 0.3098

Trichromacy



Original Color

65.0596, 0.3165, 0.3573

Protanomaly

64.8017, 0.3281, 0.3544

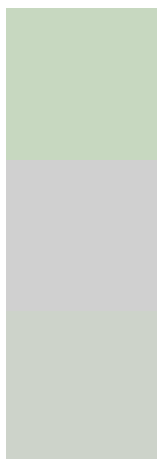
Deuteranomaly

64.6948, 0.3343, 0.3448

Tritanomaly

65.1913, 0.3041, 0.3267

Monochromacy



Original Color

65.0596, 0.3165, 0.3573

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8319, 0.3145, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0596, 0.3165, 0.3573 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, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 192)  
}
```

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, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.0596, 0.3165, 0.3573 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, 216, 192) }
```

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

```
.border{ border-color:rgb(199, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0596, 0.3165, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 192) }
```

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

```
.background{ background-color: rgb(199,  
216, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor