

Converting Colors

$Yxy(66.9688, 0.3000, 0.3311)$

Have a look what the booklet for
Yxy(66.9688, 0.3000, 0.3311)
contains.

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Color

Yxy(67.1064, 0.2999, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C6DAD8
RGB	198, 218, 216
RGB Percent	78%, 85%, 85%
CMY	0.2236, 0.1450, 0.1530
CMYK	0.09, 0.00, 0.01, 0.15
HSL	174°, 21%, 82%
HSV	174°, 9%, 85%
XYZ	60.7462, 67.1064, 74.7022
YIQ	211.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

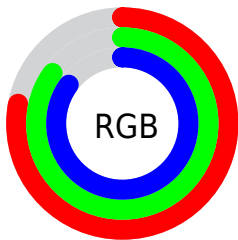
Format	Color
RYB	198, 209, 218
Decimal	13032152
CIELab	85.56, -7.06, -1.30
CIELCh	86, 7.178, 190.404
Yxy	67.1064, 0.2999, 0.3313
Android (android.graphics.Color)	4291222232 (0xFFC6DAD8)
YUV	211.7920, 2.0745, -12.0956
Hunter-Lab	81.9185, -10.9917, 3.2759

Details

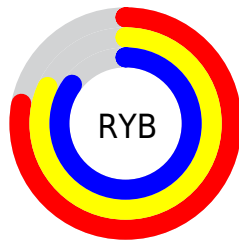
The Yxy color **67.1064, 0.2999, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4523, 0.3272, 0.3267**, and the grayscale version is **65.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6969, 0.2969, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **64.2436, 0.2866, 0.3340**, and if you desaturate by 10%, it is **70.4028, 0.3139, 0.3288**.

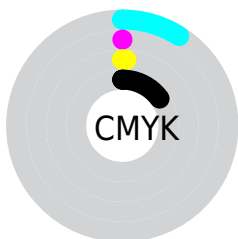
Distribution



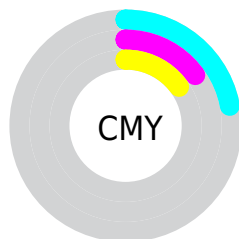
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1064, 0.2999, 0.3313 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 67.1064, 0.2999, 0.3313 by changing the saturation by 10% instead.

■ 67.1064, 0.2999,
0.3313

■ 67.1064, 0.2999,
0.3313

450.3234, 0.3059,
0.3303

■ 49.1711, 0.2985,
0.3315

115.0729, 0.3020,
0.3309

■ 34.7552, 0.2968,
0.3318

145.8728, 0.3028,
0.3308

■ 23.4744, 0.2946,
0.3322

181.7298, 0.3035,
0.3307

■ 14.9442, 0.2916,
0.3327

223.0281, 0.3041,
0.3306

■ 8.7802, 0.2876,
0.3333

270.1523, 0.3046,
0.3305

■ 4.5981, 0.2816,
0.3343

323.4866, 0.3051,

■ 2.0134, 0.2720,

0.3304

383.4155, 0.3055,
0.3303

0.3357

0.6153, 0.2306,
0.3441

0.0000, 0.0000,
0.0000

67.1064, 0.2999,
0.3313

67.1064, 0.2999,
0.3313

64.2436, 0.2866,
0.3340

70.4028, 0.3139,
0.3288

61.7877, 0.2743,
0.3370

74.1414, 0.3282,
0.3266


59.7222, 0.2633,
0.3401

76.7181, 0.3366,
0.3244


58.0260, 0.2538,
0.3434


76.8380, 0.3350,
0.3222

 56.6762, 0.2460,
0.3469


 76.9595, 0.3334,
0.3200


 55.6471, 0.2402,
0.3504

 77.0826, 0.3319,
0.3178

 54.9096, 0.2362,
0.3539

 77.2073, 0.3303,
0.3156

 54.4293, 0.2342,
0.3574

 77.3335, 0.3288,
0.3135

 54.1502, 0.2337,
0.3608

 77.4614, 0.3273,
0.3113

Harmonies

Analogous

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



67.1064, 0.3073, 0.3388



67.1064, 0.2999, 0.3313



67.1064, 0.2959, 0.3233

Triad

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



67.1064, 0.2999, 0.3313



67.1064, 0.3090, 0.3149



67.1064, 0.3294, 0.3409

Complementary

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



67.1064, 0.2999, 0.3313



59.4523, 0.3272, 0.3267

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.



67.1064, 0.3298, 0.3344



67.1064, 0.2999, 0.3313



67.1064, 0.3180, 0.3195

Square

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



67.1064, 0.2999, 0.3313



67.1064, 0.3011, 0.3140



67.1064, 0.3257, 0.3266



67.1064, 0.3244, 0.3443

Rectangle

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



67.1064, 0.2999, 0.3313



67.1064, 0.2957, 0.3188



67.1064, 0.3257, 0.3266



67.1064, 0.3301, 0.3390

Sweetspot

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



67.1092, 0.2999, 0.3313



98.5279, 0.3084, 0.3297



66.5484, 0.3133, 0.3524



21.0069, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



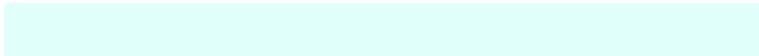
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1092, 0.2999, 0.3313



94.8807, 0.2973, 0.3318



63.3212, 0.2986, 0.3201



14.8056, 0.2996, 0.3314



32.4340, 0.2335, 0.3606



2.1080, 0.2319, 0.3549

Inverse Universe

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



59.4523, 0.3272, 0.3267



81.8727, 0.3305, 0.3262



62.9597, 0.3278, 0.3378



13.0729, 0.3276, 0.3267



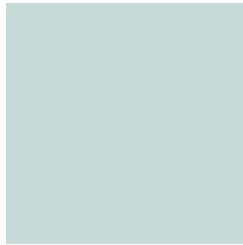
8.9723, 0.6276, 0.3231



0.5887, 0.5967, 0.3061

Previews

White Background



This preview shows how the Yxy color 67.1064, 0.2999, 0.3313 looks on a white background.

Color Contrast Check

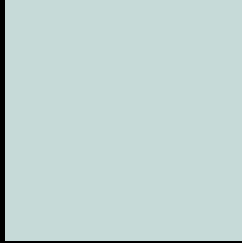
Large Text (above 18pt) WCAG AA × Fail

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 67.1064, 0.2999, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

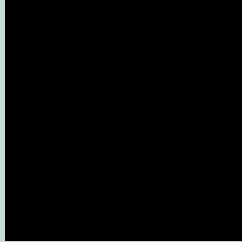
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

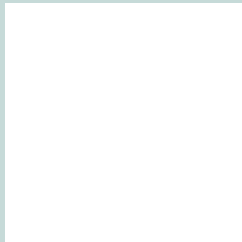
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1064, 0.2999, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 67.1064, 0.2999, 0.3313.

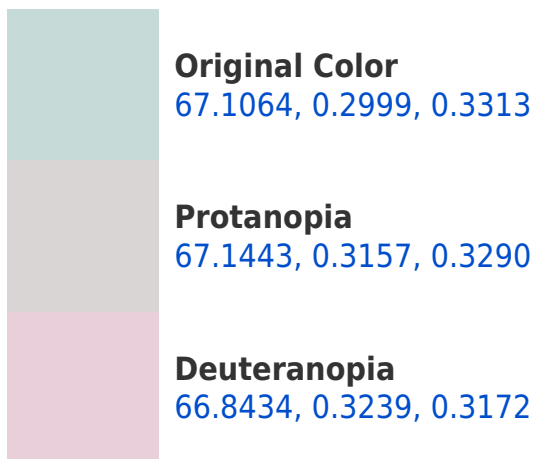


This preview shows how white text looks on a background with the Yxy color 67.1064, 0.2999, 0.3313.

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

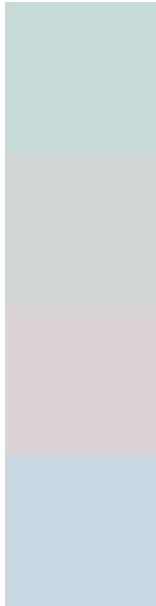




Tritanopia

66.9016, 0.2912, 0.3088

Trichromacy



Original Color

67.1064, 0.2999, 0.3313

Protanomaly

67.1576, 0.3098, 0.3301

Deuteranomaly

66.8139, 0.3152, 0.3224

Tritanomaly

66.9371, 0.2943, 0.3165

Monochromacy



Original Color

67.1064, 0.2999, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1626, 0.3083, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1064, 0.2999, 0.3313 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(198, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 216)  
}
```

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(198, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 216) }
```

Border

The CSS property to change the border of an element to Yxy 67.1064, 0.2999, 0.3313 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(198, 218, 216) }
```

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

```
.border{ border-color:rgb(198, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1064, 0.2999, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 216) }
```

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

```
.background{ background-color: rgb(198,  
218, 216) }
```

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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