

Converting Colors

$Yxy(66.0308, 0.2993, 0.3264)$

Have a look what the booklet for
Yxy(66.0308, 0.2993, 0.3264)
contains.

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Color

Yxy(66.3158, 0.2993, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C7D8DA
RGB	199, 216, 218
RGB Percent	78%, 85%, 85%
CMY	0.2198, 0.1529, 0.1452
CMYK	0.09, 0.01, 0.00, 0.15
HSL	186°, 20%, 82%
HSV	186°, 9%, 85%
XYZ	60.7540, 66.3158, 75.9171
YIQ	211.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

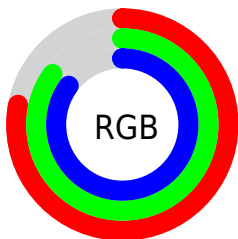
Format	Color
R _Y B	199, 208, 218
Decimal	13097178
CIE Lab	85.16, -5.32, -2.94
CIE LCh	85, 6.073, 208.928
Yxy	66.3158, 0.2993, 0.3267
Android (android.graphics.Color)	4291287258 (0xFFC7D8DA)
YUV	211.1450, 3.3795, -10.6512
Hunter-Lab	81.4345, -9.3410, 1.7312

Details

The Yxy color **66.3158, 0.2993, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7644, 0.3276, 0.3313**, and the grayscale version is **65.2217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1538, 0.2961, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **62.4004, 0.2844, 0.3238**, and if you desaturate by 10%, it is **70.6797, 0.3147, 0.3293**.

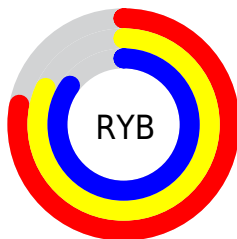
Distribution



Red (78%)

Green (85%)

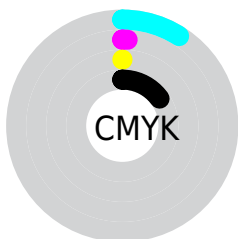
Blue (85%)



Red (78%)

Yellow (82%)

Blue (85%)

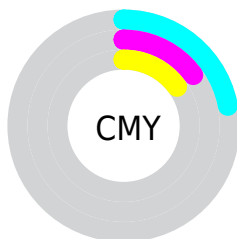


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3158, 0.2993, 0.3267 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 66.3158, 0.2993, 0.3267 by changing the saturation by 10% instead.

■ 66.3158, 0.2993,
0.3267

■ 66.3158, 0.2993,
0.3267

447.5054, 0.3056,
0.3278

■ 48.5288, 0.2978,
0.3264

113.9395, 0.3015,
0.3271

■ 34.2458, 0.2960,
0.3261

144.5449, 0.3024,
0.3273

■ 23.0825, 0.2937,
0.3256

180.1920, 0.3031,
0.3274

■ 14.6545, 0.2906,
0.3250

221.2651, 0.3037,
0.3275

■ 8.5772, 0.2864,
0.3242

268.1486, 0.3043,
0.3276

■ 4.4665, 0.2801,
0.3229

321.2269, 0.3048,

■ 1.9378, 0.2699,

0.3277

380.8844, 0.3052,
0.3278

0.3206

0.5709, 0.2280,
0.3153

0.0000, 0.0000,
0.0000

66.3158, 0.2993,
0.3267

66.3158, 0.2993,
0.3267

62.4004, 0.2844,
0.3238

70.6797, 0.3147,
0.3293

58.9070, 0.2704,
0.3208

75.5008, 0.3303,
0.3317

55.8190, 0.2575,
0.3175

78.9803, 0.3392,
0.3339

53.1153, 0.2461,
0.3141

80.1918, 0.3388,
0.3362

■ 50.7731, 0.2363,
0.3106

■ 81.4193, 0.3385,
0.3384

■ 48.7668, 0.2284,
0.3070

■ 82.6631, 0.3382,
0.3406

■ 47.0675, 0.2224,
0.3034

■ 83.9230, 0.3378,
0.3429

■ 45.6409, 0.2183,
0.2998

■ 85.1992, 0.3375,
0.3451

■ 44.4344, 0.2158,
0.2962

■ 86.4918, 0.3372,
0.3473

Harmonies

Analogous

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



66.3158, 0.3040, 0.3336



66.3158, 0.2993, 0.3267



66.3158, 0.2982, 0.3206

Triad

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



66.3158, 0.2993, 0.3267



66.3158, 0.3143, 0.3191



66.3158, 0.3246, 0.3413

Complementary

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



66.3158, 0.2993, 0.3267



60.7644, 0.3276, 0.3313

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.



66.3158, 0.3275, 0.3372



66.3158, 0.2993, 0.3267



66.3158, 0.3215, 0.3245

Square

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



66.3158, 0.2993, 0.3267



66.3158, 0.3068, 0.3163



66.3158, 0.3263, 0.3311



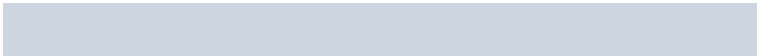
66.3158, 0.3186, 0.3420

Rectangle

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



66.3158, 0.2993, 0.3267



66.3158, 0.2996, 0.3177



66.3158, 0.3263, 0.3311



66.3158, 0.3260, 0.3402

Sweetspot

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



66.3186, 0.2993, 0.3267



98.0740, 0.3080, 0.3282



66.4826, 0.3104, 0.3490



20.8838, 0.3068, 0.3280



0.0000, 0.0000, 0.0000



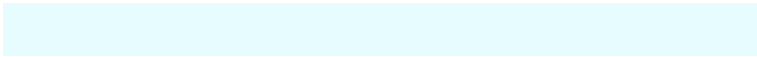
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3186, 0.2993, 0.3267



93.8089, 0.2972, 0.3263



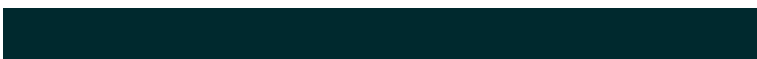
61.6153, 0.2993, 0.3157



14.5874, 0.2982, 0.3265



26.6298, 0.2157, 0.2963



1.7929, 0.2173, 0.3021

Inverse Universe

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



60.6902, 0.3151, 0.3099



84.6270, 0.3155, 0.3068



65.3036, 0.3265, 0.3419



13.2504, 0.3153, 0.3083



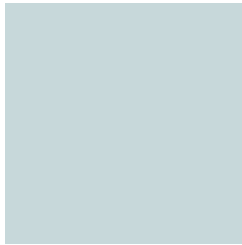
11.3121, 0.3487, 0.1694



0.7397, 0.3436, 0.1666

Previews

White Background



This preview shows how the Yxy color 66.3158, 0.2993, 0.3267 looks on a white background.

Color Contrast Check

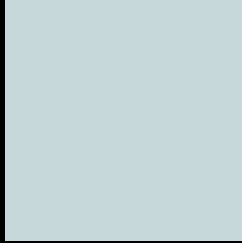
Large Text (above 18pt) WCAG AA × Fail

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 66.3158, 0.2993, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

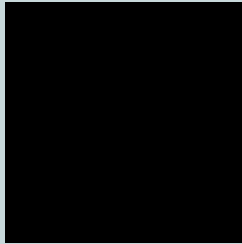
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

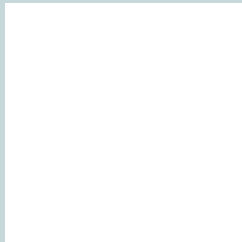
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3158, 0.2993, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 66.3158, 0.2993, 0.3267.

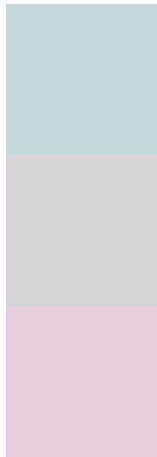


This preview shows how white text looks on a background with the Yxy color 66.3158, 0.2993, 0.3267.

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

66.3158, 0.2993, 0.3267

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

66.1329, 0.3210, 0.3139



Tritanopia

66.2802, 0.2924, 0.3098

Trichromacy



Original Color

66.3158, 0.2993, 0.3267

Protanomaly

66.1017, 0.3078, 0.3256

Deuteranomaly

66.2677, 0.3132, 0.3191

Tritanomaly

66.3712, 0.2949, 0.3165

Monochromacy



Original Color

66.3158, 0.2993, 0.3267

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7089, 0.3077, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3158, 0.2993, 0.3267 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.3158, 0.2993, 0.3267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

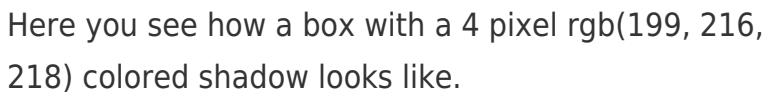
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 216, 218) }
```

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

```
.border{ border-color:rgb(199, 216, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 216, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 216, 218); box-shadow:4px 4px 4px 4px rgb(199, 216, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3158, 0.2993, 0.3267 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, 218) }
```

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

```
.background{ background-color: rgb(199,  
216, 218) }
```

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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