

Converting Colors

Yxy(66.4131, 0.3094, 0.3392)

Have a look what the booklet for
Yxy(66.4131, 0.3094, 0.3392)
contains.

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Color

Yxy(66.3132, 0.3093, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBD8CF</code>
RGB	203, 216, 207
RGB Percent	80%, 85%, 81%
CMY	0.2042, 0.1528, 0.1883
CMYK	0.06, 0.00, 0.04, 0.15
HSL	139°, 14%, 82%
HSV	139°, 6%, 85%
XYZ	60.4322, 66.3132, 68.6383
YIQ	211.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

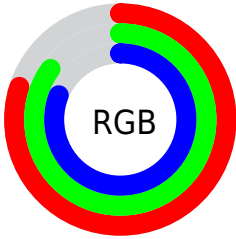
Format	Color
RYB	203, 213, 216
Decimal	13359311
CIELab	85.16, -6.07, 2.92
CIElCh	85, 6.737, 154.320
Yxy	66.3132, 0.3093, 0.3394
Android (android.graphics.Color)	4291549391 (0xFFCBD8CF)
YUV	211.0870, -2.0149, -7.0923
Hunter-Lab	81.4329, -10.0410, 7.0286

Details

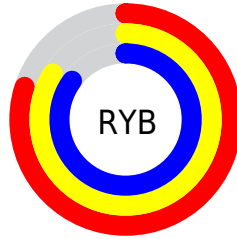
The Yxy color **66.3132, 0.3093, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0354, 0.3163, 0.3188**, and the grayscale version is **65.2125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1792, 0.3084, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **62.7975, 0.3037, 0.3583**, and if you desaturate by 10%, it is **70.3260, 0.3149, 0.3227**.

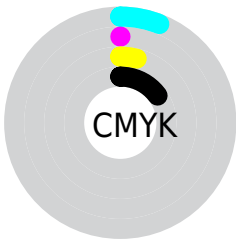
Distribution



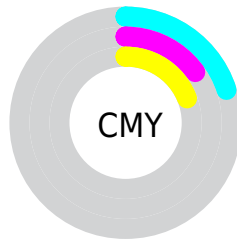
- Red (80%)
- Green (85%)
- Blue (81%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3132, 0.3093, 0.3394 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 66.3132, 0.3093, 0.3394 by changing the saturation by 10% instead.

■ 66.3132, 0.3093,
0.3394

■ 66.3132, 0.3093,
0.3394

447.4962, 0.3109,
0.3345

■ 48.5267, 0.3089,
0.3406

113.9357, 0.3099,
0.3377

■ 34.2442, 0.3084,
0.3420

144.5406, 0.3101,
0.3370

■ 23.0812, 0.3078,
0.3439

180.1870, 0.3103,
0.3364

■ 14.6535, 0.3070,
0.3464

221.2593, 0.3104,
0.3359

■ 8.5766, 0.3058,
0.3499

268.1420, 0.3106,
0.3355

■ 4.4660, 0.3040,
0.3551

321.2194, 0.3107,

■ 1.9375, 0.3010,

0.3351

0.3639

380.8760, 0.3108,
0.3348

■ 0.5708, 0.2852,
0.4129

■ 0.0000, 0.0000,
0.0000

■ 66.3132, 0.3093,
0.3394

■ 66.3132, 0.3093,
0.3394

■ 62.7975, 0.3037,
0.3583

■ 70.3260, 0.3149,
0.3227

■ 59.7510, 0.2982,
0.3795

■ 74.8456, 0.3204,
0.3080

■ 57.1562, 0.2932,
0.4028

■ 77.3948, 0.3167,
0.2941

■ 54.9908, 0.2889,
0.4279

■ 77.6043, 0.3145,
0.2911

■ 53.2309, 0.2856,
0.4542

■ 51.8500, 0.2836,
0.4809

■ 50.8184, 0.2832,
0.5069

■ 50.1017, 0.2845,
0.5309

■ 49.6575, 0.2873,
0.5517

Harmonies

Analogous

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



66.3132, 0.3177, 0.3432



66.3132, 0.3093, 0.3394



66.3132, 0.3018, 0.3327

Triad

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



66.3132, 0.3093, 0.3394



66.3132, 0.3006, 0.3151



66.3132, 0.3284, 0.3326

Complementary

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



66.3132, 0.3093, 0.3394



62.0354, 0.3163, 0.3188

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.



66.3132, 0.3237, 0.3253



66.3132, 0.3093, 0.3394



66.3132, 0.3076, 0.3153

Square

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



66.3132, 0.3093, 0.3394



66.3132, 0.2968, 0.3187



66.3132, 0.3160, 0.3190



66.3132, 0.3289, 0.3391

Rectangle

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



66.3132, 0.3093, 0.3394



66.3132, 0.2984, 0.3276



66.3132, 0.3160, 0.3190



66.3132, 0.3272, 0.3302

Sweetspot

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



66.3160, 0.3093, 0.3394



98.8209, 0.3116, 0.3324



67.4445, 0.3187, 0.3439



21.1641, 0.3116, 0.3322



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.



66.3160, 0.3093, 0.3394



96.0021, 0.3087, 0.3412



66.6363, 0.3051, 0.3320



14.1059, 0.3085, 0.3421



29.3255, 0.2878, 0.5562



1.7835, 0.2780, 0.5207

Inverse Universe

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



62.0354, 0.3163, 0.3188



88.7842, 0.3169, 0.3171



61.7180, 0.3210, 0.3261



12.9758, 0.3172, 0.3163



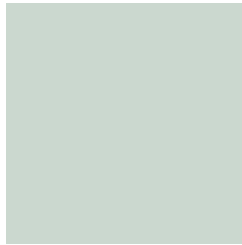
9.9473, 0.4176, 0.2074



0.6145, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 66.3132, 0.3093, 0.3394 looks on a white background.

Color Contrast Check

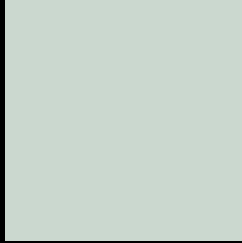
Large Text (above 18pt) WCAG AA × Fail

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 66.3132, 0.3093, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

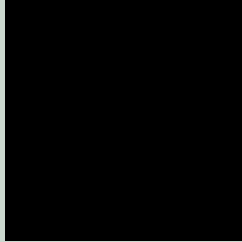
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

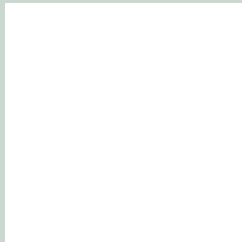
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3132, 0.3093, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 66.3132, 0.3093, 0.3394.

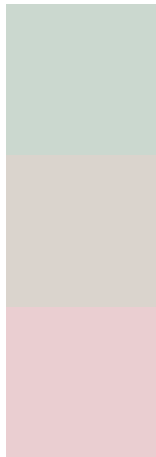


This preview shows how white text looks on a background with the Yxy color 66.3132, 0.3093, 0.3394.

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

66.3132, 0.3093, 0.3394

Protanopia

66.4002, 0.3220, 0.3369

Deuteranopia

66.2385, 0.3321, 0.3258



Tritanopia

66.5110, 0.2978, 0.3111

Trichromacy



Original Color

66.3132, 0.3093, 0.3394

Protanomaly

66.1909, 0.3175, 0.3369

Deuteranomaly

66.3352, 0.3239, 0.3312

Tritanomaly

66.4354, 0.3023, 0.3211

Monochromacy



Original Color

66.3132, 0.3093, 0.3394

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6515, 0.3111, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3132, 0.3093, 0.3394 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(203, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 207)  
}
```

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(203, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.3132, 0.3093, 0.3394 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(203, 216, 207) }
```

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

```
.border{ border-color:rgb(203, 216, 207) }
```

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

Here you see how a box with a 4 pixel rgb(203, 216, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3132, 0.3093, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 207) }
```

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

```
.background{ background-color: rgb(203,  
216, 207) }
```

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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