

Converting Colors

$Yxy(68.5743, 0.3004, 0.3475)$

Have a look what the booklet for
Yxy(68.5743, 0.3004, 0.3475)
contains.

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Color

Yxy(68.4058, 0.3002, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	BFDFD0
RGB	191, 223, 208
RGB Percent	75%, 87%, 82%
CMY	0.2508, 0.1255, 0.1843
CMYK	0.14, 0.00, 0.07, 0.13
HSL	152°, 33%, 81%
HSV	152°, 14%, 87%
XYZ	59.2653, 68.4058, 69.7483
YIQ	211.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

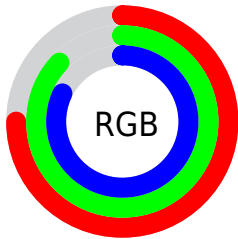
Format	Color
RYB	191, 212, 223
Decimal	12574672
CIELab	86.21, -13.40, 3.82
CIELCh	86, 13.929, 164.101
Yxy	68.4058, 0.3002, 0.3465
Android (android.graphics.Color)	4290764752 (0xFFBFD0)
YUV	211.7220, -1.8349, -18.1732
Hunter-Lab	82.7078, -16.8323, 7.8957

Details

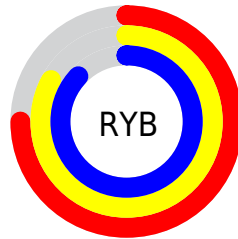
The Yxy color **68.4058, 0.3002, 0.3465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4258, 0.3273, 0.3121**, and the grayscale version is **65.6694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **35.6567, 0.2966, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **65.2349, 0.2919, 0.3604**, and if you desaturate by 10%, it is **72.0567, 0.3089, 0.3340**.

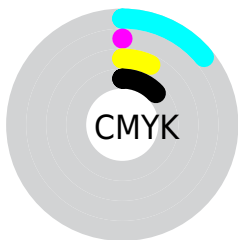
Distribution



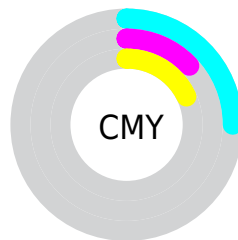
- Red (75%)
- Green (87%)
- Blue (82%)



- Red (75%)
- Yellow (83%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4058, 0.3002, 0.3465 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 68.4058, 0.3002, 0.3465 by changing the saturation by 10% instead.

68.4058, 0.3002,
0.3465

68.4058, 0.3002,
0.3465

454.9324, 0.3061,
0.3382

50.2279, 0.2988,
0.3484

116.9325, 0.3023,
0.3436

35.5945, 0.2971,
0.3509

148.0501, 0.3031,
0.3425

24.1212, 0.2949,
0.3540

184.2497, 0.3038,
0.3415

15.4236, 0.2919,
0.3582

225.9158, 0.3044,
0.3407

9.1172, 0.2878,
0.3641

273.4328, 0.3049,
0.3399

4.8177, 0.2817,
0.3729

327.1849, 0.3053,

2.1407, 0.2717,

0.3393

387.5567, 0.3057,
0.3387

0.3875

0.6874, 0.2182,
0.4597

0.0000, 0.0000,
0.0000

68.4058, 0.3002,
0.3465

68.4058, 0.3002,
0.3465

65.2349, 0.2919,
0.3604

72.0567, 0.3089,
0.3340

62.5149, 0.2842,
0.3756

76.1981, 0.3177,
0.3228

60.2265, 0.2774,
0.3921

80.2891, 0.3244,
0.3128

58.3460, 0.2720,
0.4096

80.9275, 0.3175,
0.3028

■ 56.8469, 0.2682,
0.4279

■ 81.2532, 0.3142,
0.2980

■ 55.6997, 0.2662,
0.4464

■ 54.8703, 0.2663,
0.4648

■ 54.3170, 0.2683,
0.4826

■ 54.0880, 0.2701,
0.4923

Harmonies

Analogous

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



68.4058, 0.3172, 0.3568



68.4058, 0.3002, 0.3465



68.4058, 0.2868, 0.3313

Triad

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



68.4058, 0.3002, 0.3465



68.4058, 0.2919, 0.3002



68.4058, 0.3463, 0.3407

Complementary

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



68.4058, 0.3002, 0.3465



57.4258, 0.3273, 0.3121

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.



68.4058, 0.3392, 0.3260



68.4058, 0.3002, 0.3465



68.4058, 0.3075, 0.3031

Square

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



68.4058, 0.3002, 0.3465



68.4058, 0.2821, 0.3046



68.4058, 0.3249, 0.3124



68.4058, 0.3441, 0.3528

Rectangle

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



68.4058, 0.3002, 0.3465



68.4058, 0.2815, 0.3207



68.4058, 0.3249, 0.3124



68.4058, 0.3450, 0.3359

Sweetspot

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



68.4087, 0.3002, 0.3465



97.8119, 0.3092, 0.3336



69.7282, 0.3220, 0.3657



20.8503, 0.3085, 0.3345



0.0000, 0.0000, 0.0000



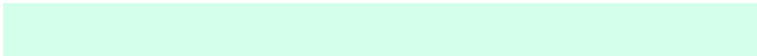
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4087, 0.3002, 0.3465



91.4427, 0.2978, 0.3503



68.8984, 0.2910, 0.3283



15.4582, 0.3044, 0.3402



31.8273, 0.2694, 0.4897



2.2241, 0.2619, 0.4628

Inverse Universe

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



57.4258, 0.3273, 0.3121



73.9986, 0.3307, 0.3087



56.9635, 0.3391, 0.3297



13.8071, 0.3219, 0.3180



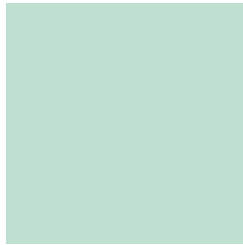
9.8429, 0.5080, 0.2572



0.7002, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 68.4058, 0.3002, 0.3465 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 68.4058, 0.3002, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

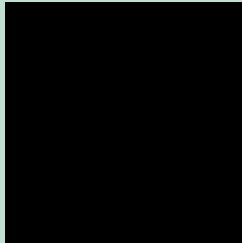
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

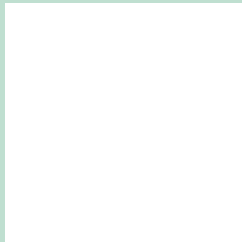
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4058, 0.3002, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 68.4058, 0.3002, 0.3465.



This preview shows how white text looks on a background with the Yxy color 68.4058, 0.3002, 0.3465.

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

68.4549, 0.2862, 0.3099

Trichromacy



Original Color

68.4058, 0.3002, 0.3465

Protanomaly

67.8824, 0.3164, 0.3426

Deuteranomaly

67.6138, 0.3207, 0.3323

Tritanomaly

68.1467, 0.2910, 0.3221

Monochromacy



Original Color

68.4058, 0.3002, 0.3465

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6523, 0.3074, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4058, 0.3002, 0.3465 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(191, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 208)  
}
```

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(191, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 208) }
```

Border

The CSS property to change the border of an element to Yxy 68.4058, 0.3002, 0.3465 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(191, 223, 208) }
```

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

```
.border{ border-color:rgb(191, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 223,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4058, 0.3002, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 208) }
```

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

```
.background{ background-color: rgb(191,  
223, 208) }
```

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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