

Converting Colors

$Yxy(65.8324, 0.2923, 0.3348)$

Have a look what the booklet for
Yxy(65.8324, 0.2923, 0.3348)
contains.

Yxy(65.8324, 0.2923, 0.3348)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.8324, 0.2923, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	B9DBD6
RGB	185, 219, 214
RGB Percent	73%, 86%, 84%
CMY	0.2746, 0.1411, 0.1606
CMYK	0.16, 0.00, 0.02, 0.14
HSL	171°, 32%, 79%
HSV	171°, 16%, 86%
XYZ	57.4755, 65.8324, 73.3241
YIQ	208.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

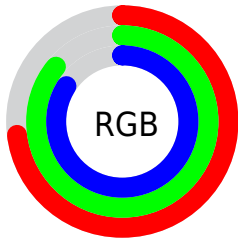
Format	Color
R _{YB}	185, 203, 219
Decimal	12180438
CIE Lab	84.91, -12.14, -1.32
CIE LCh	85, 12.216, 186.203
Yxy	65.8324, 0.2923, 0.3348
Android (android.graphics.Color)	4290370518 (0xFFB9DBD6)
YUV	208.2640, 2.8278, -20.4025
Hunter-Lab	81.1372, -15.5451, 3.2153

Details

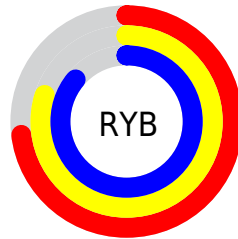
The Yxy color **65.8324, 0.2923, 0.3348** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4622, 0.3377, 0.3233**, and the grayscale version is **63.2469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **33.8794, 0.2872, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **63.1567, 0.2801, 0.3390**, and if you desaturate by 10%, it is **68.9363, 0.3053, 0.3310**.

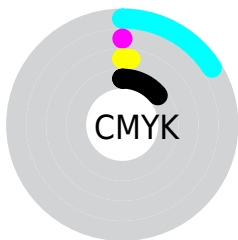
Distribution



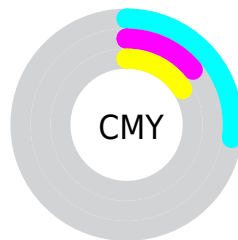
- Red (73%)
- Green (86%)
- Blue (84%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)





- Cyan (27%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8324, 0.2923, 0.3348 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 65.8324, 0.2923, 0.3348 by changing the saturation by 10% instead.

 65.8324, 0.2923,
0.3348

 65.8324, 0.2923,
0.3348


445.7772, 0.3019,
0.3321

 48.1364, 0.2901,
0.3354


 113.2457, 0.2957,
0.3339

 33.9349, 0.2873,
0.3362


143.7318, 0.2970,
0.3335

 22.8436, 0.2837,
0.3371


179.2501, 0.2981,
0.3332

 14.4781, 0.2790,
0.3384

220.1849, 0.2990,
0.3329

 8.4539, 0.2725,
0.3401

266.9206, 0.2999,
0.3327

 4.3867, 0.2629,
0.3427

319.8416, 0.3006,

 1.8922, 0.2473,

0.3325

0.3466

379.3324, 0.3013,
0.3323

0.5437, 0.1521,
0.3754

0.0000, 0.0000,
0.0000

65.8324, 0.2923,
0.3348

65.8324, 0.2923,
0.3348

63.1567, 0.2801,
0.3390

68.9363, 0.3053,
0.3310

60.8819, 0.2690,
0.3435


72.4781, 0.3188,
0.3275

58.9899, 0.2593,
0.3482

76.4774, 0.3325,
0.3244

57.4584, 0.2512,
0.3532


77.4633, 0.3335,
0.3212


 56.2625, 0.2450,
0.3583


 77.6412, 0.3313,
0.3181


 55.3741, 0.2407,
0.3635

 77.8223, 0.3290,
0.3149

 54.7606, 0.2383,
0.3686

 78.0068, 0.3268,
0.3118

 54.3821, 0.2377,
0.3738

 78.1945, 0.3247,
0.3087

 54.2578, 0.2378,
0.3761

 78.3857, 0.3225,
0.3056

Harmonies

Analogous

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



65.8324, 0.3054, 0.3475



65.8324, 0.2923, 0.3348



65.8324, 0.2846, 0.3208

Triad

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



65.8324, 0.2923, 0.3348



65.8324, 0.3041, 0.3046



65.8324, 0.3419, 0.3478

Complementary

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



65.8324, 0.2923, 0.3348



53.4622, 0.3377, 0.3233

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.



65.8324, 0.3416, 0.3361



65.8324, 0.2923, 0.3348



65.8324, 0.3195, 0.3116

Square

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



65.8324, 0.2923, 0.3348



65.8324, 0.2913, 0.3037



65.8324, 0.3334, 0.3229



65.8324, 0.3342, 0.3548

Rectangle

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



65.8324, 0.2923, 0.3348



65.8324, 0.2836, 0.3128



65.8324, 0.3334, 0.3229



65.8324, 0.3428, 0.3443

Sweetspot

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



65.8351, 0.2923, 0.3348



97.5423, 0.3059, 0.3308



65.1258, 0.3144, 0.3700



20.8069, 0.3050, 0.3310



0.0000, 0.0000, 0.0000



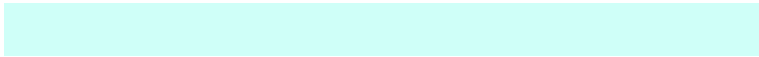
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8351, 0.2923, 0.3348



91.4938, 0.2878, 0.3363



60.0974, 0.2887, 0.3147



14.7952, 0.3002, 0.3324



32.1824, 0.2376, 0.3753



2.0940, 0.2353, 0.3669

Inverse Universe

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



53.4622, 0.3377, 0.3233



70.5034, 0.3449, 0.3219



58.4428, 0.3397, 0.3428



13.0823, 0.3269, 0.3256



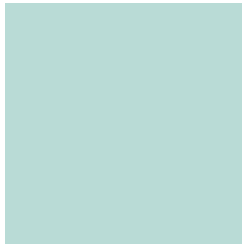
9.0014, 0.6194, 0.3186



0.5932, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 65.8324, 0.2923, 0.3348 looks on a white background.

Color Contrast Check

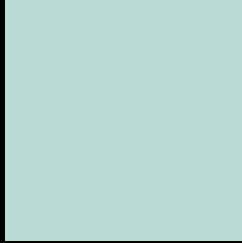
Large Text (above 18pt) WCAG AA × Fail

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 65.8324, 0.2923, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

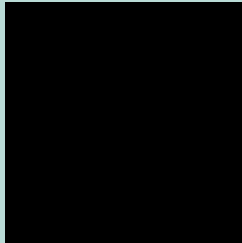
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

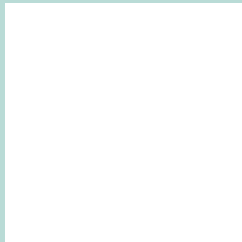
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8324, 0.2923, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 65.8324, 0.2923, 0.3348.



This preview shows how white text looks on a background with the Yxy color 65.8324, 0.2923, 0.3348.

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

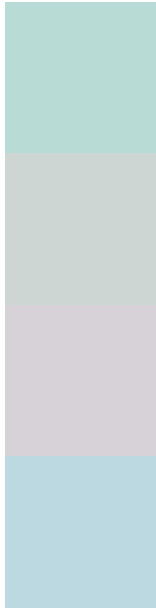




Tritanopia

65.8137, 0.2833, 0.3094

Trichromacy



Original Color

65.8324, 0.2923, 0.3348

Protanomaly

65.7754, 0.3082, 0.3324

Deuteranomaly

65.3472, 0.3115, 0.3223

Tritanomaly

65.8081, 0.2869, 0.3185

Monochromacy



Original Color

65.8324, 0.2923, 0.3348

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0195, 0.3053, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8324, 0.2923, 0.3348 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(185, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 214)  
}
```

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(185, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.8324, 0.2923, 0.3348 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(185, 219, 214) }
```

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

```
.border{ border-color:rgb(185, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8324, 0.2923, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 214) }
```

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

```
.background{ background-color: rgb(185,  
219, 214) }
```

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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