

Converting Colors

$Yxy(65.6525, 0.2924, 0.3362)$

Have a look what the booklet for
Yxy(65.6525, 0.2924, 0.3362)
contains.

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Color

Yxy(65.6575, 0.2923, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	B8DBD5
RGB	184, 219, 213
RGB Percent	72%, 86%, 84%
CMY	0.2783, 0.1412, 0.1646
CMYK	0.16, 0.00, 0.03, 0.14
HSL	170°, 33%, 79%
HSV	170°, 16%, 86%
XYZ	57.1181, 65.6575, 72.6336
YIQ	207.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

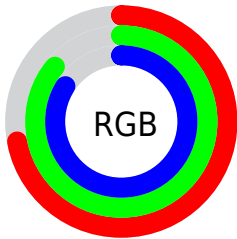
Format	Color
RYB	184, 203, 219
Decimal	12114901
CIELab	84.82, -12.64, -0.92
CIELCh	85, 12.671, 184.173
Yxy	65.6575, 0.2923, 0.3360
Android (android.graphics.Color)	4290304981 (0xFFB8DBD5)
YUV	207.8510, 2.5385, -20.9173
Hunter-Lab	81.0293, -15.9754, 3.5737

Details

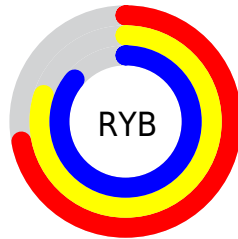
The Yxy color **65.6575, 0.2923, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0728, 0.3378, 0.3221**, and the grayscale version is **62.9739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.8448, 0.2880, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **62.9736, 0.2804, 0.3409**, and if you desaturate by 10%, it is **68.7699, 0.3049, 0.3315**.

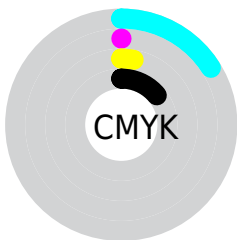
Distribution



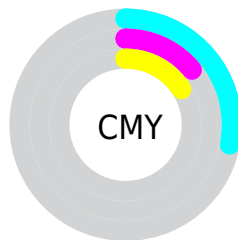
- Red (72%)
- Green (86%)
- Blue (84%)



- Red (72%)
- Yellow (80%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)




- Cyan (28%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6575, 0.2923, 0.3360 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 65.6575, 0.2923, 0.3360 by changing the saturation by 10% instead.


 65.6575, 0.2923,
0.3360

 65.6575, 0.2923,
0.3360


445.1510, 0.3019,
0.3327

 47.9944, 0.2901,
0.3368


 112.9946, 0.2957,
0.3349

 33.8225, 0.2873,
0.3377


143.4374, 0.2970,
0.3344

 22.7572, 0.2837,
0.3389


178.9090, 0.2981,
0.3340

 14.4144, 0.2790,
0.3404

219.7936, 0.2990,
0.3337

 8.4094, 0.2725,
0.3426

266.4757, 0.2999,
0.3334

 4.3580, 0.2628,
0.3458

319.3397, 0.3006,

 1.8758, 0.2470,

0.3332

378.7700, 0.3013,
0.3329

0.3508

0.5338, 0.1443,
0.3873

0.0000, 0.0000,
0.0000

65.6575, 0.2923,
0.3360

65.6575, 0.2923,
0.3360

62.9736, 0.2804,
0.3409

68.7699, 0.3049,
0.3315

60.6908, 0.2697,
0.3462


72.3206, 0.3181,
0.3274

58.7910, 0.2602,
0.3518


76.3293, 0.3314,
0.3237


57.2518, 0.2524,
0.3577

77.5195, 0.3327,
0.3201


 56.0482, 0.2464,
0.3637


 77.7292, 0.3301,
0.3164


 55.1518, 0.2424,
0.3699

 77.9434, 0.3275,
0.3127


 54.5300, 0.2403,
0.3760

 78.1621, 0.3249,
0.3091

 54.1420, 0.2400,
0.3821

 78.3853, 0.3224,
0.3055

 54.0224, 0.2402,
0.3846

 78.6132, 0.3199,
0.3019

Harmonies

Analogous

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



65.6575, 0.3062, 0.3489



65.6575, 0.2923, 0.3360



65.6575, 0.2839, 0.3214

Triad

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



65.6575, 0.2923, 0.3360



65.6575, 0.3028, 0.3034



65.6575, 0.3433, 0.3478

Complementary

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



65.6575, 0.2923, 0.3360



53.0728, 0.3378, 0.3221

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.



65.6575, 0.3424, 0.3354



65.6575, 0.2923, 0.3360



65.6575, 0.3187, 0.3103

Square

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



65.6575, 0.2923, 0.3360



65.6575, 0.2898, 0.3030



65.6575, 0.3333, 0.3218



65.6575, 0.3358, 0.3555

Rectangle

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



65.6575, 0.2923, 0.3360



65.6575, 0.2824, 0.3129



65.6575, 0.3333, 0.3218



65.6575, 0.3440, 0.3440

Sweetspot

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



65.6602, 0.2923, 0.3360



97.5222, 0.3061, 0.3311



65.1265, 0.3153, 0.3711



20.8020, 0.3052, 0.3314



0.0000, 0.0000, 0.0000



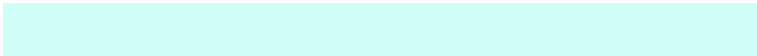
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6602, 0.2923, 0.3360



91.4198, 0.2884, 0.3375



60.3836, 0.2881, 0.3157



14.7895, 0.3005, 0.3330



32.0491, 0.2399, 0.3837



2.0866, 0.2371, 0.3737

Inverse Universe

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



53.0728, 0.3378, 0.3221



70.5646, 0.3440, 0.3207



57.5991, 0.3408, 0.3419



13.0876, 0.3265, 0.3250



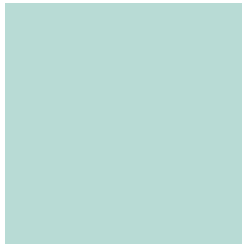
9.0215, 0.6139, 0.3156



0.5957, 0.5714, 0.2921

Previews

White Background



This preview shows how the Yxy color 65.6575, 0.2923, 0.3360 looks on a white background.

Color Contrast Check

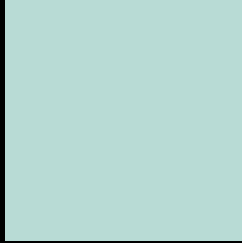
Large Text (above 18pt) WCAG AA × Fail

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 65.6575, 0.2923, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

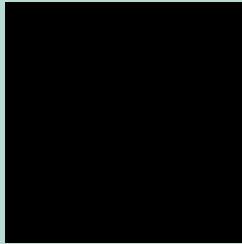
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

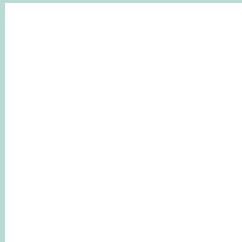
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6575, 0.2923, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 65.6575, 0.2923, 0.3360.

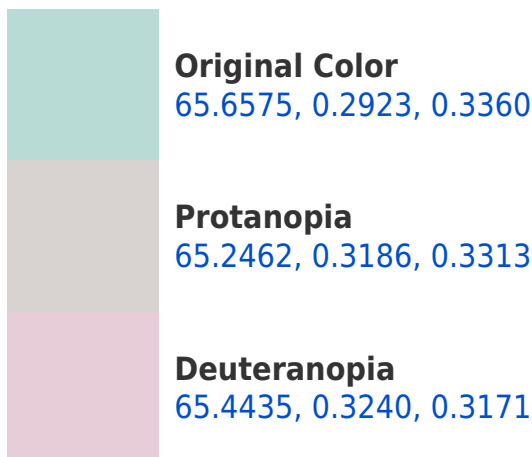


This preview shows how white text looks on a background with the Yxy color 65.6575, 0.2923, 0.3360.

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

65.6863, 0.2826, 0.3094

Trichromacy



Original Color

65.6575, 0.2923, 0.3360

Protanomaly

65.0790, 0.3082, 0.3324

Deuteranomaly

65.1456, 0.3115, 0.3234

Tritanomaly

65.6815, 0.2862, 0.3185

Monochromacy



Original Color

65.6575, 0.2923, 0.3360

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8822, 0.3046, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6575, 0.2923, 0.3360 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(184, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 213)  
}
```

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(184, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.6575, 0.2923, 0.3360 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(184, 219, 213) }
```

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

```
.border{ border-color:rgb(184, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6575, 0.2923, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 213) }
```

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

```
.background{ background-color: rgb(184,  
219, 213) }
```

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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