

Converting Colors

$Yxy(65.3597, 0.2828, 0.3265)$

Have a look what the booklet for
Yxy(65.3597, 0.2828, 0.3265)
contains.

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Color

Yxy(65.2306, 0.2829, 0.3265)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1DBDD |
| RGB | 177, 219, 221 |
| RGB Percent | 69%, 86%, 87% |
| CMY | 0.3058, 0.1412, 0.1332 |
| CMYK | 0.20, 0.01, 0.00, 0.13 |
| HSL | 183°, 39%, 78% |
| HSV | 183°, 20%, 87% |
| XYZ | 56.5199, 65.2306, 78.0370 |
| YIQ | 206.6700, -25.6740, -8.2820 |

Conversions

Conversions Part 2

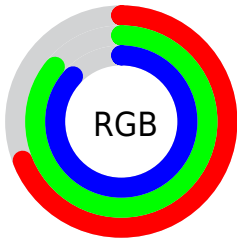
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 177, 198, 221 |
| Decimal | 11656157 |
| CIELab | 84.60, -13.17, -5.53 |
| CIELCh | 85, 14.285, 202.774 |
| Yxy | 65.2306, 0.2829, 0.3265 |
| Android (android.graphics.Color) | 4289846237 (0xFFB1DBDD) |
| YUV | 206.6700, 7.0647, -26.0206 |
| Hunter-Lab | 80.7655, -16.4248, -0.7512 |

Details

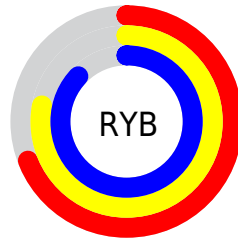
The Yxy color **65.2306, 0.2829, 0.3265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8118, 0.3516, 0.3315**, and the grayscale version is **62.1441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **33.5150, 0.2753, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **62.3138, 0.2693, 0.3251**, and if you desaturate by 10%, it is **68.5764, 0.2975, 0.3278**.

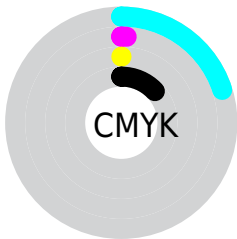
Distribution



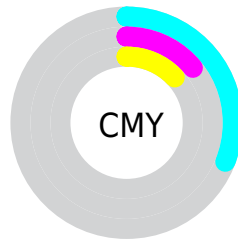
- Red (69%)
- Green (86%)
- Blue (87%)



- Red (69%)
- Yellow (78%)
- Blue (87%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)




- Cyan (31%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2306, 0.2829, 0.3265 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 65.2306, 0.2829, 0.3265 by changing the saturation by 10% instead.

 65.2306, 0.2829,
0.3265

 65.2306, 0.2829,
0.3265


443.6202, 0.2969,
0.3278

 47.6481, 0.2797,
0.3261


 112.3813, 0.2878,
0.3270

 33.5483, 0.2757,
0.3257


142.7183, 0.2897,
0.3272

 22.5468, 0.2706,
0.3251


178.0756, 0.2913,
0.3273

 14.2592, 0.2638,
0.3242

218.8376, 0.2927,
0.3275

 8.3012, 0.2545,
0.3228

265.3886, 0.2939,
0.3276

 4.2883, 0.2409,
0.3206

318.1132, 0.2950,

 1.8361, 0.2193,

0.3277

377.3955, 0.2960,
0.3278

0.3163

0.5095, 0.1009,
0.3158

0.0000, 0.0000,
0.0000

65.2306, 0.2829,
0.3265

65.2306, 0.2829,
0.3265

62.3138, 0.2693,
0.3251

68.5764, 0.2975,
0.3278

59.7977, 0.2571,
0.3236

72.3620, 0.3129,
0.3290

57.6632, 0.2464,
0.3221

76.6078, 0.3286,
0.3301

55.8862, 0.2376,
0.3206

79.2981, 0.3370,
0.3311

■ 54.4402, 0.2306,
0.3190

■ 79.8449, 0.3369,
0.3321

■ 53.2945, 0.2256,
0.3174

■ 80.3949, 0.3367,
0.3332

■ 52.4131, 0.2224,
0.3159

■ 80.9483, 0.3366,
0.3342

■ 51.7326, 0.2207,
0.3144

■ 81.5049, 0.3364,
0.3352

■ 51.7269, 0.2207,
0.3144

■ 82.0649, 0.3363,
0.3362

Harmonies

Analogous

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



65.2306, 0.2951, 0.3430



65.2306, 0.2829, 0.3265



65.2306, 0.2786, 0.3113

Triad

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



65.2306, 0.2829, 0.3265



65.2306, 0.3125, 0.3042



65.2306, 0.3430, 0.3564

Complementary

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



65.2306, 0.2829, 0.3265



50.8118, 0.3516, 0.3315

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.



65.2306, 0.3481, 0.3452



65.2306, 0.2829, 0.3265



65.2306, 0.3302, 0.3155

Square

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



65.2306, 0.2829, 0.3265



65.2306, 0.2953, 0.2991



65.2306, 0.3434, 0.3303



65.2306, 0.3297, 0.3605

Rectangle

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



65.2306, 0.2829, 0.3265



65.2306, 0.2806, 0.3040



65.2306, 0.3434, 0.3303



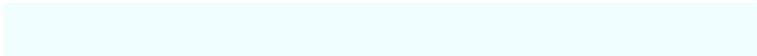
65.2306, 0.3458, 0.3533

Sweetspot

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



65.2333, 0.2829, 0.3265



96.7633, 0.3034, 0.3283



64.3111, 0.3092, 0.3818



20.6389, 0.3024, 0.3282



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.



65.2333, 0.2829, 0.3265



88.3948, 0.2769, 0.3259



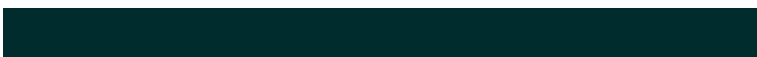
54.7573, 0.2813, 0.3003



14.7212, 0.2982, 0.3279



30.0877, 0.2207, 0.3146



1.9817, 0.2214, 0.3171

Inverse Universe

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



51.9430, 0.3166, 0.2819



66.7941, 0.3176, 0.2716



60.0879, 0.3469, 0.3561



13.2639, 0.3145, 0.3070



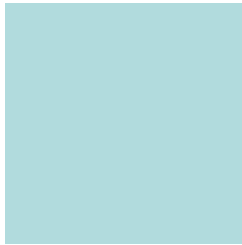
11.6611, 0.3327, 0.1607



0.7587, 0.3307, 0.1595

Previews

White Background



This preview shows how the Yxy color 65.2306, 0.2829, 0.3265 looks on a white background.

Color Contrast Check

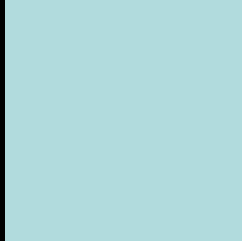
Large Text (above 18pt) WCAG AA × Fail

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 65.2306, 0.2829, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

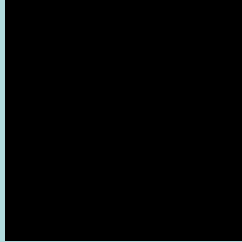
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

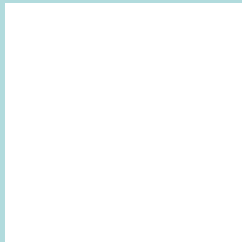
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2306, 0.2829, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 65.2306, 0.2829, 0.3265.

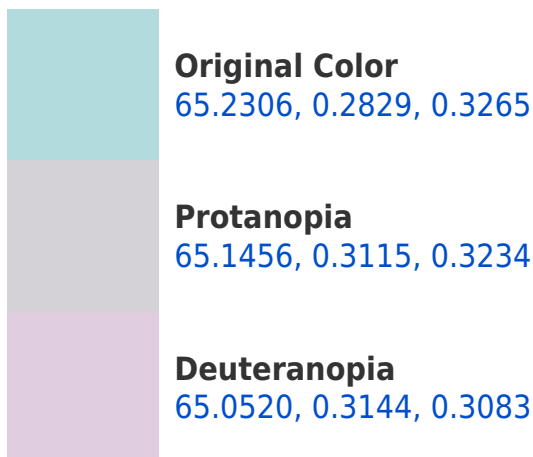


This preview shows how white text looks on a background with the Yxy color 65.2306, 0.2829, 0.3265.

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

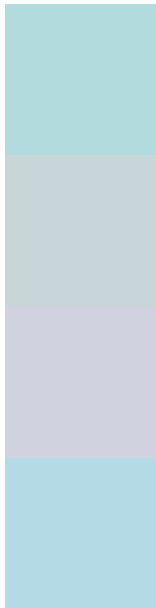




Tritanopia

65.2695, 0.2770, 0.3092

Trichromacy



Original Color

65.2306, 0.2829, 0.3265

Protanomaly

64.8776, 0.3007, 0.3244

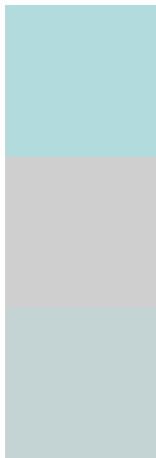
Deuteranomaly

64.8308, 0.3024, 0.3143

Tritanomaly

65.3837, 0.2794, 0.3160

Monochromacy



Original Color

65.2306, 0.2829, 0.3265

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0778, 0.3011, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2306, 0.2829, 0.3265 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(177, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 221)  
}
```

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(177, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 65.2306, 0.2829, 0.3265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

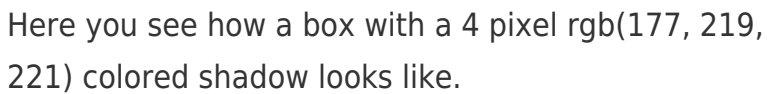
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 219, 221) }
```

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

```
.border{ border-color:rgb(177, 219, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 219, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 219, 221); box-shadow:4px 4px 4px 4px rgb(177, 219, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2306, 0.2829, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 221) }
```

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

```
.background{ background-color: rgb(177,  
219, 221) }
```

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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