

Converting Colors

Yxy(64.4931, 0.2835, 0.3183)

Have a look what the booklet for
Yxy(64.4931, 0.2835, 0.3183)
contains.

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Color

Yxy(64.4931, 0.2835, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	B6D8E1
RGB	182, 216, 225
RGB Percent	71%, 85%, 88%
CMY	0.2863, 0.1529, 0.1175
CMYK	0.19, 0.04, 0.00, 0.12
HSL	193°, 42%, 80%
HSV	193°, 19%, 88%
XYZ	57.4420, 64.4931, 80.6822
YIQ	206.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

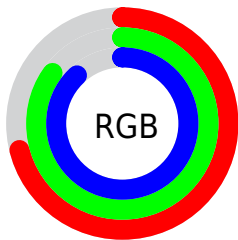
Format	Color
RYB	182, 201, 225
Decimal	11983073
CIELab	84.22, -9.26, -8.19
CIELCh	84, 12.357, 221.487
Yxy	64.4931, 0.2835, 0.3183
Android (android.graphics.Color)	4290173153 (0xFFB6D8E1)
YUV	206.8600, 8.9430, -21.8022
Hunter-Lab	80.3076, -12.8617, -3.3513

Details

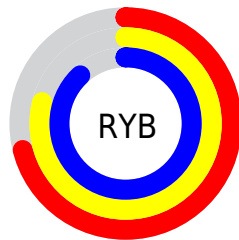
The Yxy color **64.4931, 0.2835, 0.3183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6709, 0.3483, 0.3395**, and the grayscale version is **62.2574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **32.9812, 0.2759, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **59.5852, 0.2689, 0.3120**, and if you desaturate by 10%, it is **69.9162, 0.2987, 0.3241**.

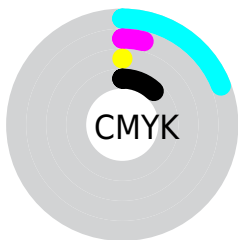
Distribution



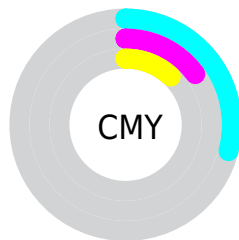
- Red (71%)
- Green (85%)
- Blue (88%)



- Red (71%)
- Yellow (79%)
- Blue (88%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)





- Cyan (29%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4931, 0.2835, 0.3183 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 64.4931, 0.2835, 0.3183 by changing the saturation by 10% instead.


 64.4931, 0.2835,
0.3183

 64.4931, 0.2835,
0.3183


440.9681, 0.2972,
0.3235

 47.0502, 0.2803,
0.3170


 111.3208, 0.2883,
0.3202

 33.0753, 0.2764,
0.3155


141.4743, 0.2901,
0.3209

 22.1842, 0.2714,
0.3134


176.6335, 0.2917,
0.3215

 13.9923, 0.2647,
0.3106

217.1828, 0.2931,
0.3220

 8.1153, 0.2556,
0.3066

263.5064, 0.2943,
0.3224

 4.1688, 0.2423,
0.3005

315.9890, 0.2954,

 1.7684, 0.2209,

0.3228

0.2900

375.0147, 0.2963,
0.3232

0.4674, 0.1232,
0.2638

0.0000, 0.0000,
0.0000

64.4931, 0.2835,
0.3183

64.4931, 0.2835,
0.3183

59.5852, 0.2689,
0.3120

69.9162, 0.2987,
0.3241

55.1631, 0.2551,
0.3052

75.8668, 0.3141,
0.3294

51.2060, 0.2425,
0.2980

82.3664, 0.3295,
0.3342

47.6886, 0.2315,
0.2905

86.0613, 0.3327,
0.3388

■ 44.5826, 0.2221,
0.2828

■ 88.8024, 0.3322,
0.3434

■ 41.8559, 0.2148,
0.2751

■ 91.6160, 0.3316,
0.3480

■ 39.4706, 0.2093,
0.2674

■ 94.5025, 0.3310,
0.3525

■ 37.3673, 0.2056,
0.2597

■ 97.4626, 0.3305,
0.3570

■ 37.1899, 0.2053,
0.2591

■ 98.2184, 0.3303,
0.3581

Harmonies

Analogous

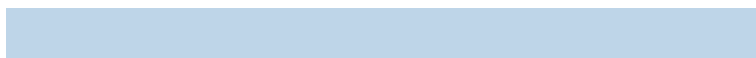
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.4931, 0.2901, 0.3324



64.4931, 0.2835, 0.3183



64.4931, 0.2845, 0.3076

Triad

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



64.4931, 0.2835, 0.3183



64.4931, 0.3224, 0.3130



64.4931, 0.3325, 0.3559

Complementary

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



64.4931, 0.2835, 0.3183



56.6709, 0.3483, 0.3395

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.



64.4931, 0.3416, 0.3498



64.4931, 0.2835, 0.3183



64.4931, 0.3358, 0.3251

Square

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



64.4931, 0.2835, 0.3183



64.4931, 0.3067, 0.3050



64.4931, 0.3429, 0.3385



64.4931, 0.3182, 0.3545

Rectangle

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



64.4931, 0.2835, 0.3183



64.4931, 0.2894, 0.3038



64.4931, 0.3429, 0.3385



64.4931, 0.3363, 0.3546

Sweetspot

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



64.4957, 0.2835, 0.3183



95.1797, 0.3034, 0.3258



67.5615, 0.3049, 0.3706



20.2634, 0.3024, 0.3255



0.0000, 0.0000, 0.0000



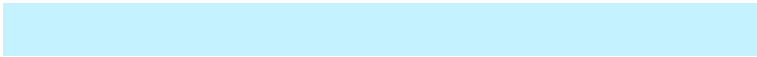
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4957, 0.2835, 0.3183



82.9138, 0.2775, 0.3158



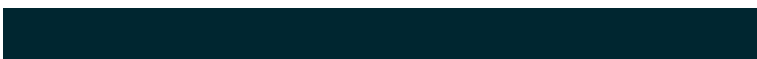
54.3752, 0.2820, 0.2927



15.0580, 0.2982, 0.3240



21.5967, 0.2056, 0.2603



1.6210, 0.2089, 0.2721

Inverse Universe

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



54.4286, 0.3220, 0.2912



67.3498, 0.3243, 0.2830



66.5425, 0.3440, 0.3628



13.8837, 0.3170, 0.3107



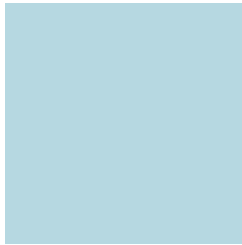
11.0882, 0.3821, 0.1879



0.7811, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 64.4931, 0.2835, 0.3183 looks on a white background.

Color Contrast Check

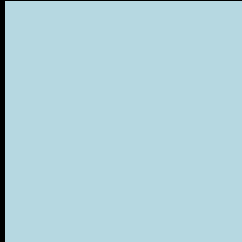
Large Text (above 18pt) WCAG AA × Fail

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 64.4931, 0.2835, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

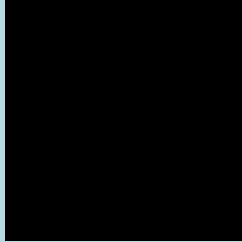
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

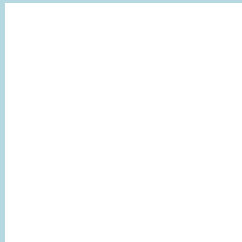
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4931, 0.2835, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 64.4931, 0.2835, 0.3183.

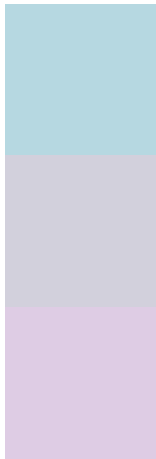


This preview shows how white text looks on a background with the Yxy color 64.4931, 0.2835, 0.3183.

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

64.4931, 0.2835, 0.3183

Protanopia

63.9807, 0.3059, 0.3155

Deuteranopia

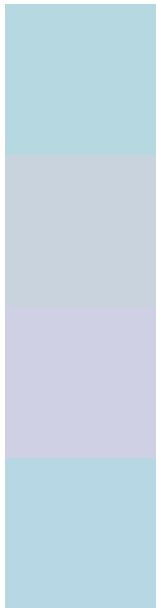
64.3168, 0.3094, 0.3028



Tritanopia

64.4944, 0.2799, 0.3092

Trichromacy



Original Color

64.4931, 0.2835, 0.3183

Protanomaly

64.1418, 0.2974, 0.3164

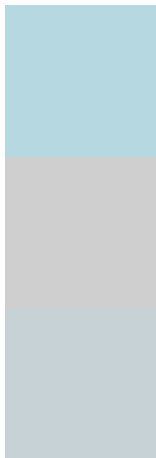
Deuteranomaly

63.9232, 0.2991, 0.3076

Tritanomaly

64.3253, 0.2817, 0.3126

Monochromacy



Original Color

64.4931, 0.2835, 0.3183

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9540, 0.3012, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4931, 0.2835, 0.3183 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(182, 216, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 216, 225)  
}
```

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(182, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 216, 225) }
```

Border

The CSS property to change the border of an element to Yxy 64.4931, 0.2835, 0.3183 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(182, 216, 225) }
```

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

```
.border{ border-color:rgb(182, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 216,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4931, 0.2835, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 216, 225) }
```

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

```
.background{ background-color: rgb(182,  
216, 225) }
```

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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