

Converting Colors

$Yxy(65.4578, 0.2822, 0.3186)$

Have a look what the booklet for
Yxy(65.4578, 0.2822, 0.3186)
contains.

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Color

Yxy(65.5126, 0.2818, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	B5DAE3
RGB	181, 218, 227
RGB Percent	71%, 85%, 89%
CMY	0.2904, 0.1450, 0.1098
CMYK	0.20, 0.04, 0.00, 0.11
HSL	192°, 45%, 80%
HSV	192°, 20%, 89%
XYZ	57.9819, 65.5126, 82.2611
YIQ	207.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

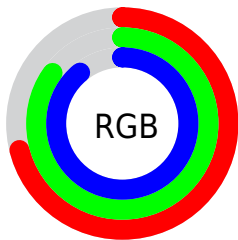
Format	Color
RYB	181, 202, 227
Decimal	11918051
CIELab	84.75, -10.20, -8.45
CIELCh	85, 13.248, 219.647
Yxy	65.5126, 0.2818, 0.3184
Android (android.graphics.Color)	4290108131 (0xFFB5DAE3)
YUV	207.9630, 9.3852, -23.6466
Hunter-Lab	80.9399, -13.7748, -3.5999

Details

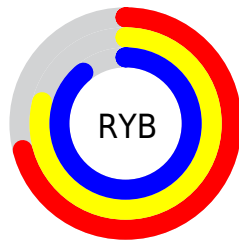
The Yxy color **65.5126, 0.2818, 0.3184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4585, 0.3511, 0.3393**, and the grayscale version is **62.9964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **33.6850, 0.2739, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **60.7266, 0.2674, 0.3125**, and if you desaturate by 10%, it is **70.8123, 0.2969, 0.3239**.

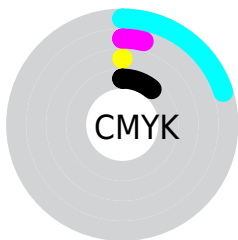
Distribution



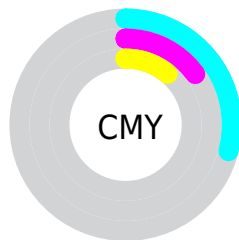
- Red (71%)
- Green (85%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5126, 0.2818, 0.3184 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 65.5126, 0.2818, 0.3184 by changing the saturation by 10% instead.

■ 65.5126, 0.2818,
0.3184

■ 65.5126, 0.2818,
0.3184

444.6317, 0.2962,
0.3236

■ 47.8768, 0.2785,
0.3172

■ 112.7865, 0.2868,
0.3202

■ 33.7294, 0.2743,
0.3156

143.1934, 0.2888,
0.3209

■ 22.6858, 0.2691,
0.3135

178.6262, 0.2905,
0.3215

■ 14.3617, 0.2622,
0.3108

219.4693, 0.2919,
0.3221

■ 8.3726, 0.2527,
0.3068

266.1069, 0.2932,
0.3225

■ 4.3343, 0.2389,
0.3007

318.9236, 0.2943,

■ 1.8623, 0.2170,

0.3229

0.2903

378.3038, 0.2953,
0.3233

0.5255, 0.1282,
0.2691

0.0000, 0.0000,
0.0000

65.5126, 0.2818,
0.3184

65.5126, 0.2818,
0.3184

60.7266, 0.2674,
0.3125

70.8123, 0.2969,
0.3239

56.4242, 0.2538,
0.3061

76.6382, 0.3123,
0.3289

52.5842, 0.2416,
0.2995

83.0125, 0.3277,
0.3334

49.1803, 0.2309,
0.2925

86.6385, 0.3314,
0.3377

■ 46.1834, 0.2220,
0.2854

■ 89.2153, 0.3309,
0.3420

■ 43.5604, 0.2151,
0.2783

■ 91.8557, 0.3303,
0.3463

■ 41.2717, 0.2101,
0.2712

■ 94.5601, 0.3298,
0.3505

■ 39.3036, 0.2068,
0.2643

■ 97.3290, 0.3293,
0.3547

■ 98.3260, 0.3292,
0.3562

Harmonies

Analogous

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



65.5126, 0.2892, 0.3335



65.5126, 0.2818, 0.3184



65.5126, 0.2824, 0.3067

Triad

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



65.5126, 0.2818, 0.3184



65.5126, 0.3220, 0.3113



65.5126, 0.3346, 0.3575

Complementary

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



65.5126, 0.2818, 0.3184



56.4585, 0.3511, 0.3393

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.



65.5126, 0.3439, 0.3506



65.5126, 0.2818, 0.3184



65.5126, 0.3366, 0.3240

Square

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



65.5126, 0.2818, 0.3184



65.5126, 0.3052, 0.3031



65.5126, 0.3447, 0.3382



65.5126, 0.3195, 0.3566

Rectangle

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



65.5126, 0.2818, 0.3184



65.5126, 0.2872, 0.3024



65.5126, 0.3447, 0.3382



65.5126, 0.3385, 0.3560

Sweetspot

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



65.5153, 0.2818, 0.3184



95.3240, 0.3034, 0.3261



68.4458, 0.3049, 0.3744



20.2976, 0.3024, 0.3257



0.0000, 0.0000, 0.0000



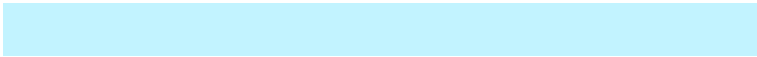
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5153, 0.2818, 0.3184



82.8035, 0.2761, 0.3162



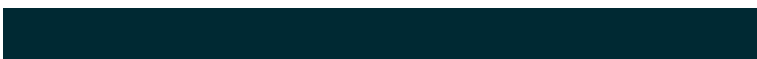
54.6297, 0.2800, 0.2912



15.8336, 0.2981, 0.3243



23.0879, 0.2071, 0.2654



1.8287, 0.2099, 0.2757

Inverse Universe

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



54.4181, 0.3221, 0.2881



66.2297, 0.3242, 0.2800



66.9594, 0.3462, 0.3642



14.5645, 0.3168, 0.3103



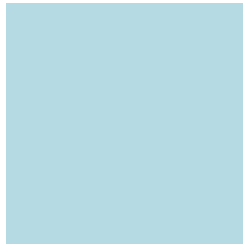
11.5285, 0.3772, 0.1852



0.8643, 0.3674, 0.1798

Previews

White Background



This preview shows how the Yxy color 65.5126, 0.2818, 0.3184 looks on a white background.

Color Contrast Check

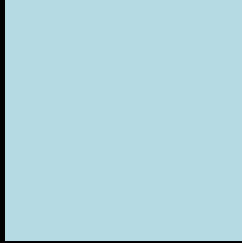
Large Text (above 18pt) WCAG AA × Fail

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 65.5126, 0.2818, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

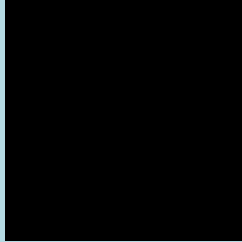
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

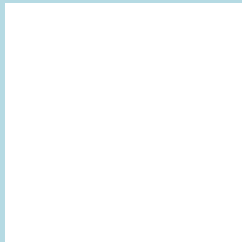
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5126, 0.2818, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 65.5126, 0.2818, 0.3184.

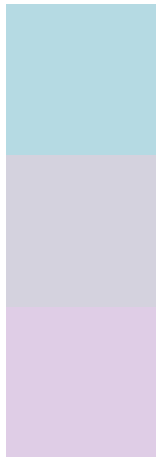


This preview shows how white text looks on a background with the Yxy color 65.5126, 0.2818, 0.3184.

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

65.5126, 0.2818, 0.3184

Protanopia

65.3642, 0.3060, 0.3156

Deuteranopia

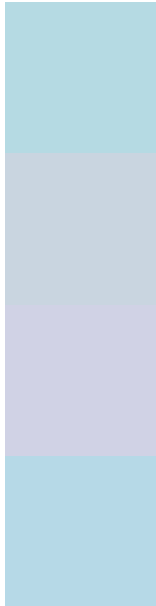
65.0638, 0.3088, 0.3019



Tritanopia

65.5113, 0.2783, 0.3092

Trichromacy



Original Color

65.5126, 0.2818, 0.3184

Protanomaly

65.3878, 0.2968, 0.3164

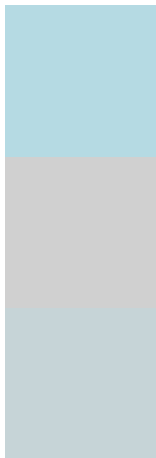
Deuteranomaly

65.1602, 0.2985, 0.3077

Tritanomaly

65.3403, 0.2800, 0.3126

Monochromacy



Original Color

65.5126, 0.2818, 0.3184

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9990, 0.3006, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5126, 0.2818, 0.3184 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(181, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 218, 227)  
}
```

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(181, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 65.5126, 0.2818, 0.3184 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(181, 218, 227) }
```

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

```
.border{ border-color:rgb(181, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 218, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 218, 227); box-shadow:4px 4px 4px 4px rgb(181, 218, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5126, 0.2818, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 218, 227) }
```

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

```
.background{ background-color: rgb(181,  
218, 227) }
```

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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