

Converting Colors

Yxy(65.5594, 0.2818, 0.3223)

Have a look what the booklet for
Yxy(65.5594, 0.2818, 0.3223)
contains.

Yxy(65.6830, 0.2818, 0.3219)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.6830, 0.2818, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	B3DBE1
RGB	179, 219, 225
RGB Percent	70%, 86%, 88%
CMY	0.2982, 0.1411, 0.1177
CMYK	0.20, 0.03, 0.00, 0.12
HSL	188°, 43%, 79%
HSV	188°, 20%, 88%
XYZ	57.5007, 65.6830, 80.8642
YIQ	207.7240, -25.7660, -6.6140

Conversions

Conversions Part 2

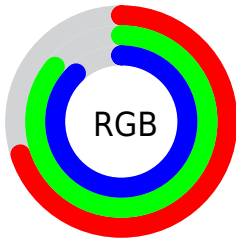
Format	Color
R _Y B	179, 200, 225
Decimal	11787233
CIE Lab	84.83, -11.75, -7.27
CIE LCh	85, 13.818, 211.723
Yxy	65.6830, 0.2818, 0.3219
Android (android.graphics.Color)	4289977313 (0xFFB3DBE1)
YUV	207.7240, 8.5171, -25.1909
Hunter-Lab	81.0450, -15.1848, -2.4261

Details

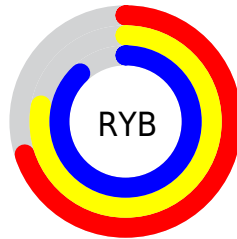
The Yxy color **65.6830, 0.2818, 0.3219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9154, 0.3521, 0.3360**, and the grayscale version is **62.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **33.8132, 0.2739, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **61.7147, 0.2678, 0.3180**, and if you desaturate by 10%, it is **70.1206, 0.2966, 0.3255**.

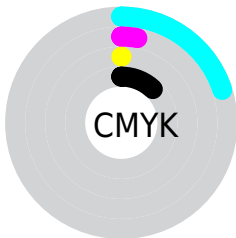
Distribution



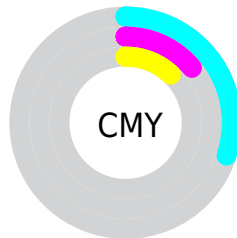
- Red (70%)
- Green (86%)
- Blue (88%)



- Red (70%)
- Yellow (78%)
- Blue (88%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)





- Cyan (30%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6830, 0.2818, 0.3219 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 65.6830, 0.2818, 0.3219 by changing the saturation by 10% instead.


 65.6830, 0.2818,
0.3219

 65.6830, 0.2818,
0.3219

445.2423, 0.2962,
0.3254

 48.0151, 0.2785,
0.3210


 113.0312, 0.2868,
0.3232

 33.8389, 0.2743,
0.3199


143.4804, 0.2888,
0.3237

 22.7698, 0.2691,
0.3185


178.9587, 0.2905,
0.3241

 14.4236, 0.2622,
0.3165

219.8507, 0.2919,
0.3244

 8.4159, 0.2527,
0.3137

266.5406, 0.2932,
0.3247

 4.3622, 0.2388,
0.3092

319.4129, 0.2943,

 1.8782, 0.2169,

0.3250

0.3013

378.8520, 0.2953,
0.3252

0.5352, 0.1197,
0.2888

0.0000, 0.0000,
0.0000

65.6830, 0.2818,
0.3219

65.6830, 0.2818,
0.3219

61.7147, 0.2678,
0.3180

70.1206, 0.2966,
0.3255

58.1862, 0.2549,
0.3138

75.0392, 0.3120,
0.3289

55.0772, 0.2434,
0.3095

80.4602, 0.3276,
0.3319

52.3624, 0.2336,
0.3050

83.6609, 0.3333,
0.3347

■ 50.0135, 0.2257,
0.3004

■ 85.3015, 0.3330,
0.3376

■ 47.9984, 0.2197,
0.2958

■ 86.9694, 0.3326,
0.3404

■ 46.2785, 0.2156,
0.2913

■ 88.6646, 0.3322,
0.3433

■ 44.8501, 0.2131,
0.2870

■ 90.3874, 0.3319,
0.3461

■ 92.1377, 0.3315,
0.3489

Harmonies

Analogous

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



65.6830, 0.2915, 0.3379



65.6830, 0.2818, 0.3219



65.6830, 0.2801, 0.3084

Triad

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



65.6830, 0.2818, 0.3219



65.6830, 0.3178, 0.3078



65.6830, 0.3388, 0.3575

Complementary

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



65.6830, 0.2818, 0.3219



53.9154, 0.3521, 0.3360

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.



65.6830, 0.3464, 0.3484



65.6830, 0.2818, 0.3219



65.6830, 0.3341, 0.3200

Square

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



65.6830, 0.2818, 0.3219



65.6830, 0.3005, 0.3009



65.6830, 0.3446, 0.3347



65.6830, 0.3243, 0.3589

Rectangle

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



65.6830, 0.2818, 0.3219



65.6830, 0.2837, 0.3027



65.6830, 0.3446, 0.3347



65.6830, 0.3423, 0.3552

Sweetspot

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



65.6857, 0.2818, 0.3219



95.9557, 0.3034, 0.3270



66.8897, 0.3067, 0.3787



20.4473, 0.3024, 0.3268



0.0000, 0.0000, 0.0000



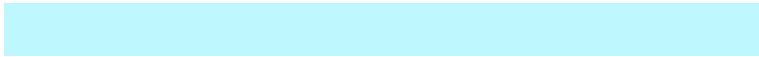
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6857, 0.2818, 0.3219



84.6965, 0.2751, 0.3201



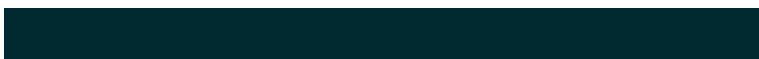
54.7605, 0.2800, 0.2947



15.2538, 0.2982, 0.3259



25.9725, 0.2133, 0.2877



1.8858, 0.2152, 0.2947

Inverse Universe

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



53.3391, 0.3198, 0.2846



65.3306, 0.3217, 0.2741



64.0436, 0.3472, 0.3611



13.9035, 0.3157, 0.3088



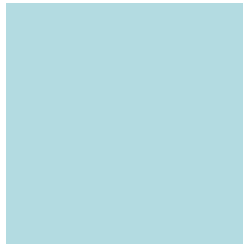
11.5300, 0.3564, 0.1737



0.8078, 0.3501, 0.1703

Previews

White Background



This preview shows how the Yxy color 65.6830, 0.2818, 0.3219 looks on a white background.

Color Contrast Check

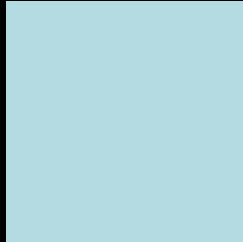
Large Text (above 18pt) WCAG AA × Fail

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 65.6830, 0.2818, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

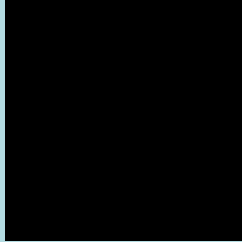
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

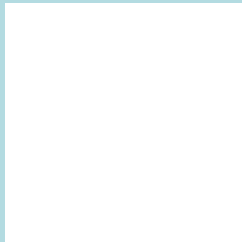
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6830, 0.2818, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 65.6830, 0.2818, 0.3219.

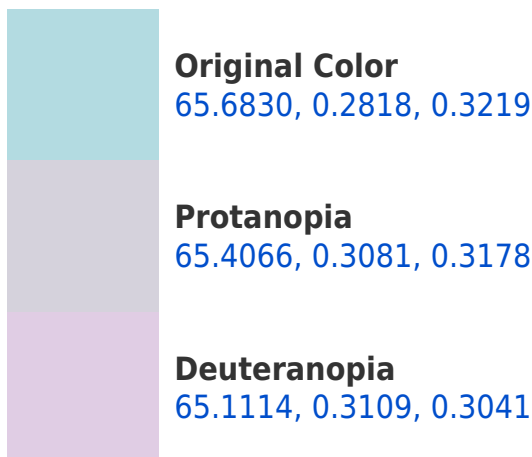


This preview shows how white text looks on a background with the Yxy color 65.6830, 0.2818, 0.3219.

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

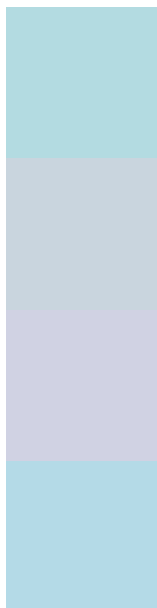




Tritanopia

65.4476, 0.2771, 0.3081

Trichromacy



Original Color

65.6830, 0.2818, 0.3219

Protanomaly

65.2799, 0.2981, 0.3187

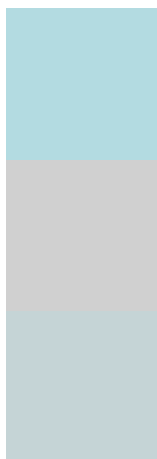
Deuteranomaly

65.0491, 0.2998, 0.3099

Tritanomaly

65.6156, 0.2789, 0.3138

Monochromacy



Original Color

65.6830, 0.2818, 0.3219

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8123, 0.3005, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6830, 0.2818, 0.3219 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(179, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 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(179, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 225) }
```

Border

The CSS property to change the border of an element to Yxy 65.6830, 0.2818, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

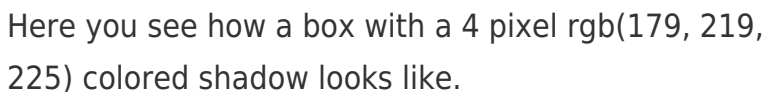
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 219, 225) }
```

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

```
.border{ border-color:rgb(179, 219, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6830, 0.2818, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 225) }
```

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

```
.background{ background-color: rgb(179,  
219, 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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