

Converting Colors

Yxy(67.8962, 0.2815, 0.3280)

Have a look what the booklet for
Yxy(67.8962, 0.2815, 0.3280)
contains.

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Color

Yxy(68.0402, 0.2815, 0.3289)

Conversions

Conversions Part 1	
Format	Color
Hex	B1E0E0
RGB	177, 224, 224
RGB Percent	69%, 88%, 88%
CMY	0.3061, 0.1215, 0.1215
CMYK	0.21, 0.00, 0.00, 0.12
HSL	180°, 43%, 79%
HSV	180°, 21%, 88%
XYZ	58.2345, 68.0402, 80.5973
YIQ	209.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

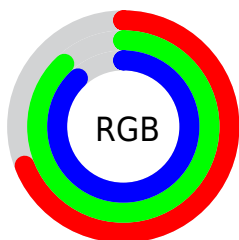
Format	Color
RYB	177, 201, 224
Decimal	11657440
CIELab	86.03, -15.10, -5.01
CIELCh	86, 15.910, 198.358
Yxy	68.0402, 0.2815, 0.3289
Android (android.graphics.Color)	4289847520 (0xFFB1E0E0)
YUV	209.9470, 6.9281, -28.8945
Hunter-Lab	82.4865, -18.3325, -0.1916

Details

The Yxy color **68.0402, 0.2815, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4486, 0.3548, 0.3291**, and the grayscale version is **64.3756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **35.4515, 0.2738, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **65.6245, 0.2683, 0.3289**, and if you desaturate by 10%, it is **70.8933, 0.2959, 0.3289**.

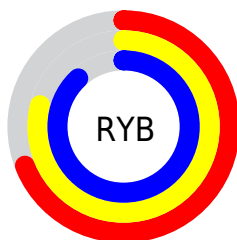
Distribution



Red (69%)

Green (88%)

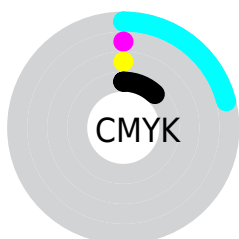
Blue (88%)



Red (69%)

Yellow (79%)

Blue (88%)

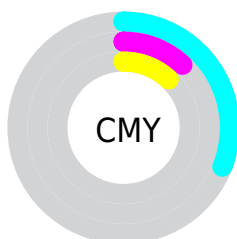


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (31%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0402, 0.2815, 0.3289 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 68.0402, 0.2815, 0.3289 by changing the saturation by 10% instead.


 68.0402, 0.2815,
0.3289

 68.0402, 0.2815,
0.3289


453.6384, 0.2960,
0.3291

 49.9304, 0.2782,
0.3288


 116.4097, 0.2865,
0.3290

 35.3581, 0.2741,
0.3287


147.4381, 0.2885,
0.3290

 23.9389, 0.2688,
0.3285


183.5416, 0.2902,
0.3291

 15.2883, 0.2620,
0.3281

225.1046, 0.2917,
0.3291

 9.0220, 0.2526,
0.3276

272.5113, 0.2929,
0.3291

 4.7555, 0.2390,
0.3265

326.1463, 0.2941,

 2.1045, 0.2177,


0.3291

0.3242

386.3939, 0.2951,
0.3291

 0.6672, 0.1318,
0.3313


 0.0000, 0.0000,
0.0000


 68.0402, 0.2815,
0.3289


 68.0402, 0.2815,
0.3289


 65.6245, 0.2683,
0.3289

 70.8933, 0.2959,
0.3289


 63.6167, 0.2567,
0.3288


 74.1949, 0.3111,
0.3290


 61.9967, 0.2467,
0.3288


 77.9663, 0.3270,
0.3290


 60.7397, 0.2386,
0.3288

 79.9668, 0.3348,
0.3291


 59.8175, 0.2324,
0.3287


 79.9680, 0.3348,
0.3291

 59.1982, 0.2282,
0.3287


 79.9693, 0.3348,
0.3291

 58.8434, 0.2257,
0.3287

 79.9705, 0.3348,
0.3291

 58.6922, 0.2246,
0.3287

 79.9717, 0.3348,
0.3291

 79.9730, 0.3348,
0.3291

Harmonies

Analogous

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



68.0402, 0.2958, 0.3468



68.0402, 0.2815, 0.3289



68.0402, 0.2754, 0.3117

Triad

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



68.0402, 0.2815, 0.3289



68.0402, 0.3095, 0.3006



68.0402, 0.3475, 0.3577

Complementary

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



68.0402, 0.2815, 0.3289



50.4486, 0.3548, 0.3291

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.



68.0402, 0.3516, 0.3444



68.0402, 0.2815, 0.3289



68.0402, 0.3292, 0.3120

Square

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



68.0402, 0.2815, 0.3289



68.0402, 0.2912, 0.2961



68.0402, 0.3448, 0.3278



68.0402, 0.3339, 0.3636

Rectangle

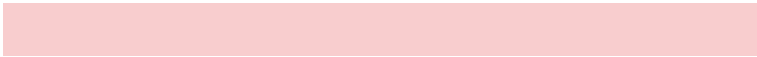
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0402, 0.2815, 0.3289



68.0402, 0.2766, 0.3030



68.0402, 0.3448, 0.3278



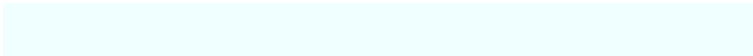
68.0402, 0.3500, 0.3539

Sweetspot

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



68.0430, 0.2815, 0.3289



97.2118, 0.3034, 0.3290



65.8350, 0.3100, 0.3872



20.7453, 0.3024, 0.3290



0.0000, 0.0000, 0.0000



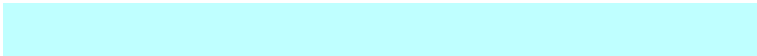
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0430, 0.2815, 0.3289



89.8447, 0.2759, 0.3289



56.2570, 0.2796, 0.3005



15.5721, 0.2982, 0.3290



34.1566, 0.2246, 0.3287



2.3676, 0.2247, 0.3287

Inverse Universe

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



52.6570, 0.3152, 0.2770



65.8503, 0.3157, 0.2666



60.5557, 0.3494, 0.3560



13.9356, 0.3138, 0.3059



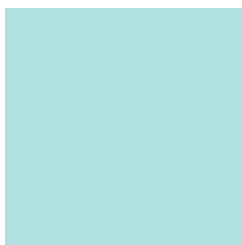
12.3562, 0.3209, 0.1542



0.8565, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 68.0402, 0.2815, 0.3289 looks on a white background.

Color Contrast Check

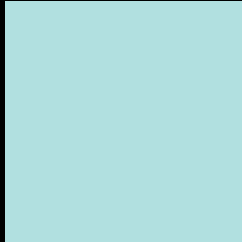
Large Text (above 18pt) WCAG AA × Fail

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 68.0402, 0.2815, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

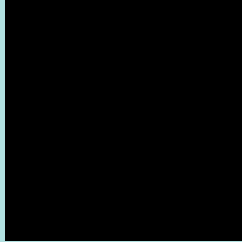
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

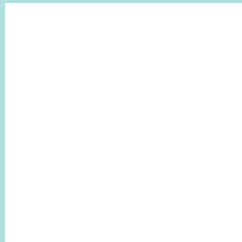
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0402, 0.2815, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 68.0402, 0.2815, 0.3289.

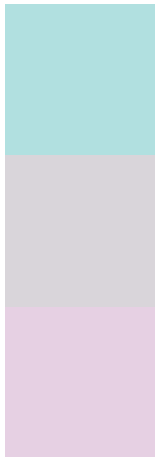


This preview shows how white text looks on a background with the Yxy color 68.0402, 0.2815, 0.3289.

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

68.0402, 0.2815, 0.3289

Protanopia

67.4022, 0.3122, 0.3235

Deuteranopia

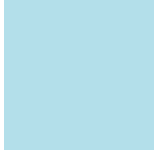
67.4808, 0.3159, 0.3087




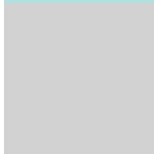
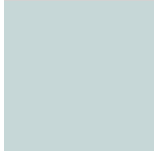
Tritanopia

68.1778, 0.2747, 0.3094

Trichromacy

	Original Color 68.0402, 0.2815, 0.3289
	Protanomaly 67.3496, 0.3001, 0.3256
	Deuteranomaly 67.4330, 0.3026, 0.3157
	Tritanomaly 68.2996, 0.2770, 0.3162

Monochromacy

	Original Color 68.0402, 0.2815, 0.3289
	Achromatopsia 64.4480, 0.3127, 0.3290
	Achromatomaly 65.5129, 0.3006, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0402, 0.2815, 0.3289 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, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 224, 224)  
}
```

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, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 224, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.0402, 0.2815, 0.3289 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, 224, 224) }
```

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

```
.border{ border-color:rgb(177, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(177, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(177, 224,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0402, 0.2815, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 224, 224) }
```

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

```
.background{ background-color: rgb(177,  
224, 224) }
```

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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