

Converting Colors

Yxy(69.2189, 0.2854, 0.3340)

Have a look what the booklet for
Yxy(69.2189, 0.2854, 0.3340)
contains.

Yxy(69.4369, 0.2859, 0.3348)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4369, 0.2859, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	B5E2DD
RGB	181, 226, 221
RGB Percent	71%, 89%, 87%
CMY	0.2903, 0.1137, 0.1334
CMYK	0.20, 0.00, 0.02, 0.11
HSL	173°, 44%, 80%
HSV	173°, 20%, 89%
XYZ	59.2951, 69.4369, 78.6661
YIQ	211.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

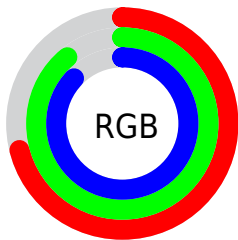
Format	Color
RYB	181, 205, 226
Decimal	11920093
CIELab	86.72, -15.53, -2.36
CIELCh	87, 15.705, 188.638
Yxy	69.4369, 0.2859, 0.3348
Android (android.graphics.Color)	4290110173 (0xFFB5E2DD)
YUV	211.9750, 4.4493, -27.1651
Hunter-Lab	83.3288, -18.8083, 2.3578

Details

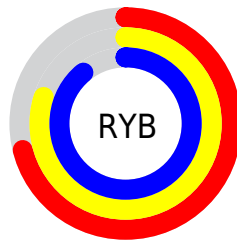
The Yxy color **69.4369, 0.2859, 0.3348** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.7520, 0.3478, 0.3233**, and the grayscale version is **65.8002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **36.3910, 0.2794, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **66.7924, 0.2738, 0.3381**, and if you desaturate by 10%, it is **72.5323, 0.2990, 0.3318**.

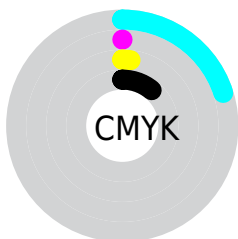
Distribution



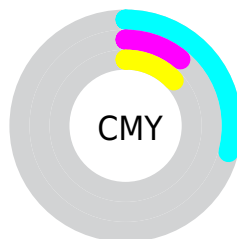
- Red (71%)
- Green (89%)
- Blue (87%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)




- Cyan (29%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4369, 0.2859, 0.3348 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 69.4369, 0.2859, 0.3348 by changing the saturation by 10% instead.


 69.4369, 0.2859,
0.3348

 69.4369, 0.2859,
0.3348


458.5704, 0.2984,
0.3322

 51.0676, 0.2830,
0.3354


 118.4054, 0.2902,
0.3339

 36.2624, 0.2795,
0.3361

149.7734, 0.2919,
0.3336

 24.6369, 0.2750,
0.3370


186.2430, 0.2934,
0.3333

 15.8068, 0.2691,
0.3381

228.1988, 0.2946,
0.3330

 9.3875, 0.2610,
0.3396

276.0250, 0.2957,
0.3328

 4.9948, 0.2494,
0.3417

330.1060, 0.2967,

 2.2442, 0.2309,

0.3325

390.8264, 0.2976,
0.3324

0.3447

0.7439, 0.1603,
0.3634

0.0000, 0.0000,
0.0000

69.4369, 0.2859,
0.3348

69.4369, 0.2859,
0.3348

66.7924, 0.2738,
0.3381

72.5323, 0.2990,
0.3318

64.5689, 0.2629,
0.3416


76.0899, 0.3128,
0.3290


62.7462, 0.2536,
0.3453


80.1313, 0.3270,
0.3265

61.2989, 0.2461,
0.3491


81.4350, 0.3298,
0.3240


 60.1987, 0.2404,
0.3530

 81.5790, 0.3281,
0.3215

 59.4135, 0.2367,
0.3569


 81.7250, 0.3264,
0.3190


 58.9050, 0.2349,
0.3607

 81.8731, 0.3247,
0.3166

 58.6069, 0.2346,
0.3646

 82.0234, 0.3230,
0.3141

 58.6050, 0.2346,
0.3646

 82.1757, 0.3213,
0.3117

Harmonies

Analogous

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



69.4369, 0.3019, 0.3514



69.4369, 0.2859, 0.3348



69.4369, 0.2770, 0.3171

Triad

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



69.4369, 0.2859, 0.3348



69.4369, 0.3033, 0.2989



69.4369, 0.3492, 0.3535

Complementary

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



69.4369, 0.2859, 0.3348



52.7520, 0.3478, 0.3233

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.



69.4369, 0.3498, 0.3390



69.4369, 0.2859, 0.3348



69.4369, 0.3228, 0.3081

Square

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



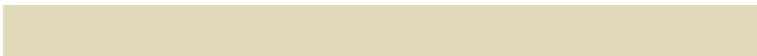
69.4369, 0.2859, 0.3348



69.4369, 0.2868, 0.2970



69.4369, 0.3400, 0.3226



69.4369, 0.3386, 0.3620

Rectangle

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



69.4369, 0.2859, 0.3348



69.4369, 0.2762, 0.3073



69.4369, 0.3400, 0.3226



69.4369, 0.3506, 0.3492

Sweetspot

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



69.4398, 0.2859, 0.3348



97.1031, 0.3043, 0.3306



68.2027, 0.3138, 0.3832



20.7195, 0.3034, 0.3308



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.



69.4398, 0.2859, 0.3348



89.7498, 0.2806, 0.3362



60.7888, 0.2817, 0.3085



15.5446, 0.2997, 0.3316



33.4405, 0.2344, 0.3640



2.3255, 0.2328, 0.3580

Inverse Universe

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



52.7520, 0.3478, 0.3233



63.9550, 0.3575, 0.3221



60.0025, 0.3484, 0.3487



13.7253, 0.3275, 0.3264



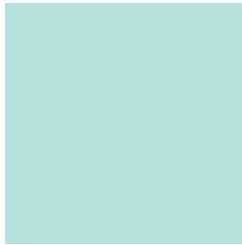
9.2737, 0.6261, 0.3223



0.6513, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 69.4369, 0.2859, 0.3348 looks on a white background.

Color Contrast Check

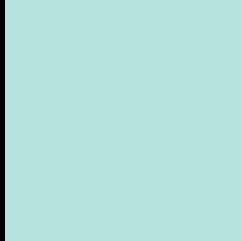
Large Text (above 18pt) WCAG AA × Fail

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 69.4369, 0.2859, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

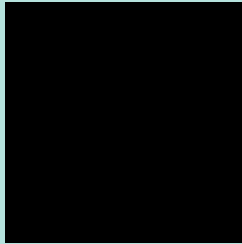
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

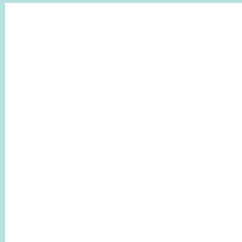
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4369, 0.2859, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 69.4369, 0.2859, 0.3348.

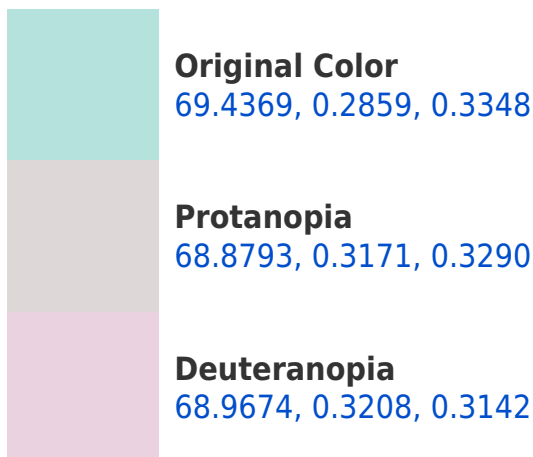


This preview shows how white text looks on a background with the Yxy color 69.4369, 0.2859, 0.3348.

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

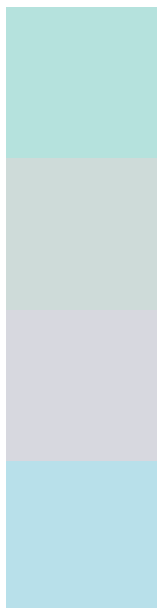




Tritanopia

69.4405, 0.2767, 0.3086

Trichromacy



Original Color

69.4369, 0.2859, 0.3348

Protanomaly

68.7946, 0.3048, 0.3312

Deuteranomaly

68.8865, 0.3073, 0.3213

Tritanomaly

69.4422, 0.2801, 0.3175

Monochromacy



Original Color

69.4369, 0.2859, 0.3348

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.9495, 0.3026, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4369, 0.2859, 0.3348 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, 226, 221)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 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(181, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.4369, 0.2859, 0.3348 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, 226, 221) }
```

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

```
.border{ border-color:rgb(181, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4369, 0.2859, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 221) }
```

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

```
.background{ background-color: rgb(181,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor