

Converting Colors

$Yxy(69.3154, 0.2936, 0.3515)$

Have a look what the booklet for
Yxy(69.3154, 0.2936, 0.3515)
contains.

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Color

Yxy(69.3160, 0.2936, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	B5E3D0
RGB	181, 227, 208
RGB Percent	71%, 89%, 82%
CMY	0.2904, 0.1097, 0.1844
CMYK	0.20, 0.00, 0.08, 0.11
HSL	155°, 45%, 80%
HSV	155°, 20%, 89%
XYZ	57.8981, 69.3160, 69.9865
YIQ	211.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

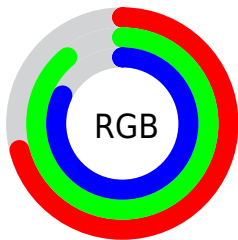
Format	Color
RYB	181, 210, 227
Decimal	11920336
CIELab	86.66, -18.65, 4.40
CIElCh	87, 19.163, 166.733
Yxy	69.3160, 0.2936, 0.3515
Android (android.graphics.Color)	4290110416 (0xFFB5E3D0)
YUV	211.0800, -1.5184, -26.3802
Hunter-Lab	83.2562, -21.5659, 8.4393

Details

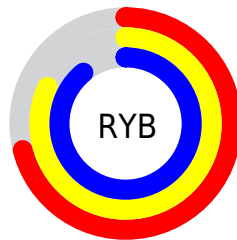
The Yxy color **69.3160, 0.2936, 0.3515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5292, 0.3368, 0.3076**, and the grayscale version is **65.2119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **36.3502, 0.2884, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **66.3473, 0.2849, 0.3644**, and if you desaturate by 10%, it is **72.7649, 0.3029, 0.3398**.

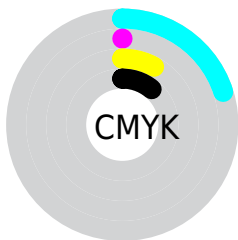
Distribution



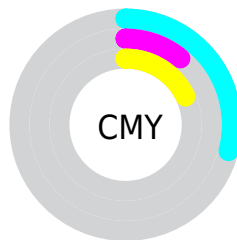
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3160, 0.2936, 0.3515 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 69.3160, 0.2936, 0.3515 by changing the saturation by 10% instead.


 69.3160, 0.2936,
0.3515

 69.3160, 0.2936,
0.3515

458.1447, 0.3026,
0.3408

 50.9691, 0.2915,
0.3540


 118.2328, 0.2968,
0.3477

 36.1840, 0.2889,
0.3571


149.5715, 0.2980,
0.3463

 24.5764, 0.2855,
0.3612


186.0096, 0.2990,
0.3451

 15.7617, 0.2811,
0.3666

227.9315, 0.2999,
0.3440

 9.3557, 0.2749,
0.3741

275.7215, 0.3007,
0.3431

 4.9739, 0.2658,
0.3854

329.7641, 0.3014,

 2.2320, 0.2509,


0.3422


0.4043

390.4437, 0.3020,
0.3415

 0.7373, 0.1661,
0.4988


 0.0000, 0.0000,
0.0000


 69.3160, 0.2936,
0.3515


 69.3160, 0.2936,
0.3515


 66.3473, 0.2849,
0.3644


 72.7649, 0.3029,
0.3398


 63.8280, 0.2772,
0.3783


 76.7059, 0.3124,
0.3293

 61.7372, 0.2706,
0.3933


 81.1613, 0.3221,
0.3199


 60.0486, 0.2656,
0.4089


 82.8324, 0.3201,
0.3109


 58.7330, 0.2624,
0.4251

 83.4217, 0.3141,
0.3020

 57.7572, 0.2612,
0.4414

 83.4288, 0.3140,
0.3019

 57.0817, 0.2621,
0.4574

 56.6476, 0.2646,
0.4725

Harmonies

Analogous

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



69.3160, 0.3166, 0.3667



69.3160, 0.2936, 0.3515



69.3160, 0.2762, 0.3299

Triad

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



69.3160, 0.2936, 0.3515



69.3160, 0.2859, 0.2898



69.3160, 0.3592, 0.3462

Complementary

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



69.3160, 0.2936, 0.3515



53.5292, 0.3368, 0.3076

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.



69.3160, 0.3504, 0.3264



69.3160, 0.2936, 0.3515



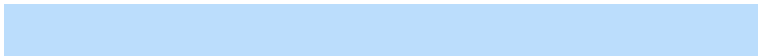
69.3160, 0.3075, 0.2947

Square

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



69.3160, 0.2936, 0.3515



69.3160, 0.2719, 0.2947



69.3160, 0.3312, 0.3079



69.3160, 0.3549, 0.3625

Rectangle

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



69.3160, 0.2936, 0.3515



69.3160, 0.2698, 0.3155



69.3160, 0.3312, 0.3079



69.3160, 0.3577, 0.3397

Sweetspot

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



69.3189, 0.2936, 0.3515



96.8122, 0.3069, 0.3352



70.5818, 0.3235, 0.3827



20.6506, 0.3063, 0.3359



0.0000, 0.0000, 0.0000



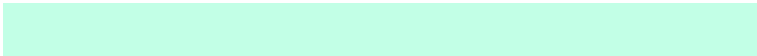
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3189, 0.2936, 0.3515



88.6596, 0.2902, 0.3563



68.2358, 0.2822, 0.3244



16.2303, 0.3036, 0.3389



33.0544, 0.2639, 0.4702



2.4610, 0.2576, 0.4473

Inverse Universe

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



53.5292, 0.3368, 0.3076



64.8740, 0.3426, 0.3033



54.2760, 0.3522, 0.3335



14.4663, 0.3228, 0.3193



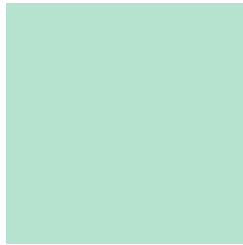
10.0156, 0.5318, 0.2703



0.7582, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 69.3160, 0.2936, 0.3515 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 69.3160, 0.2936, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

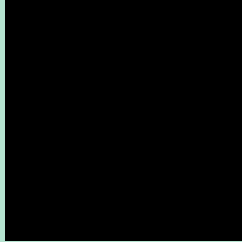
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

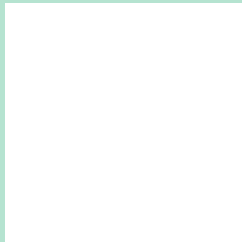
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3160, 0.2936, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 69.3160, 0.2936, 0.3515.

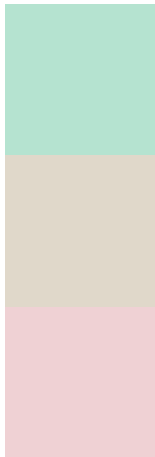


This preview shows how white text looks on a background with the Yxy color 69.3160, 0.2936, 0.3515.

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

69.3160, 0.2936, 0.3515

Protanopia

69.2233, 0.3282, 0.3445

Deuteranopia

68.7051, 0.3334, 0.3259



Tritanopia

69.0986, 0.2784, 0.3086

Trichromacy



Original Color

69.3160, 0.2936, 0.3515

Protanomaly

68.9559, 0.3147, 0.3472

Deuteranomaly

68.7203, 0.3176, 0.3346

Tritanomaly

69.2270, 0.2842, 0.3243

Monochromacy



Original Color

69.3160, 0.2936, 0.3515

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.5582, 0.3052, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3160, 0.2936, 0.3515 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, 227, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 208)  
}
```

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, 227, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 208) }
```

Border

The CSS property to change the border of an element to Yxy 69.3160, 0.2936, 0.3515 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, 227, 208) }
```

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

```
.border{ border-color:rgb(181, 227, 208) }
```

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

Here you see how a box with a 4 pixel rgb(181, 227, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3160, 0.2936, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 208) }
```

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

```
.background{ background-color: rgb(181,  
227, 208) }
```

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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