

Converting Colors

$Yxy(68.7413, 0.2965, 0.3371)$

Have a look what the booklet for
Yxy(68.7413, 0.2965, 0.3371)
contains.

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Color

Yxy(68.9397, 0.2959, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	C0DFD8
RGB	192, 223, 216
RGB Percent	75%, 87%, 85%
CMY	0.2469, 0.1255, 0.1528
CMYK	0.14, 0.00, 0.03, 0.13
HSL	166°, 33%, 81%
HSV	166°, 14%, 87%
XYZ	60.5319, 68.9397, 75.0972
YIQ	212.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

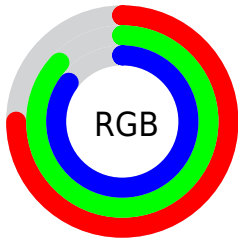
Format	Color
RYB	192, 209, 223
Decimal	12640216
CIELab	86.47, -11.52, -0.03
CIELCh	86, 11.517, 180.131
Yxy	68.9397, 0.2959, 0.3370
Android (android.graphics.Color)	4290830296 (0xFFC0DFD8)
YUV	212.9330, 1.5120, -18.3582
Hunter-Lab	83.0299, -15.1692, 4.4955

Details

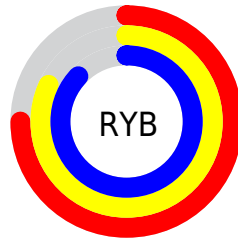
The Yxy color **68.9397, 0.2959, 0.3370** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5320, 0.3327, 0.3212**, and the grayscale version is **66.4981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **35.9817, 0.2919, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **65.9921, 0.2845, 0.3434**, and if you desaturate by 10%, it is **72.3421, 0.3079, 0.3311**.

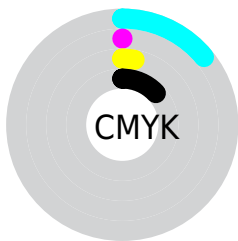
Distribution



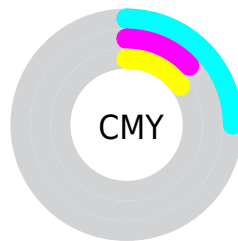
- Red (75%)
- Green (87%)
- Blue (85%)



- Red (75%)
- Yellow (82%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)




- Cyan (25%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9397, 0.2959, 0.3370 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 68.9397, 0.2959, 0.3370 by changing the saturation by 10% instead.

 68.9397, 0.2959,
0.3370

 68.9397, 0.2959,
0.3370


456.8183, 0.3038,
0.3333

 50.6626, 0.2941,
0.3379


 117.6954, 0.2986,
0.3357

 35.9402, 0.2918,
0.3389

148.9429, 0.2997,
0.3352

 24.3880, 0.2890,
0.3403


185.2826, 0.3006,
0.3348

 15.6217, 0.2852,
0.3421

227.0989, 0.3014,
0.3344

 9.2568, 0.2800,
0.3446

274.7762, 0.3021,
0.3341

 4.9091, 0.2723,
0.3482

328.6989, 0.3027,

 2.1940, 0.2600,

0.3338

0.3540

389.2515, 0.3033,
0.3335

0.7167, 0.2107,
0.3774

0.0000, 0.0000,
0.0000

68.9397, 0.2959,
0.3370

68.9397, 0.2959,
0.3370

65.9921, 0.2845,
0.3434

72.3421, 0.3079,
0.3311

63.4707, 0.2741,
0.3504

76.2091, 0.3204,
0.3258

61.3572, 0.2648,
0.3579


79.8049, 0.3301,
0.3210

59.6282, 0.2571,
0.3657

80.0929, 0.3267,
0.3161

 58.2582, 0.2512,
0.3739


 80.3891, 0.3233,
0.3112


 57.2185, 0.2471,
0.3822


 80.6936, 0.3200,
0.3063

 56.4759, 0.2451,
0.3906

 81.0063, 0.3167,
0.3016

 55.9900, 0.2450,
0.3989

 81.2505, 0.3142,
0.2979

 55.7791, 0.2455,
0.4039

Harmonies

Analogous

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



68.9397, 0.3088, 0.3480



68.9397, 0.2959, 0.3370



68.9397, 0.2875, 0.3240

Triad

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



68.9397, 0.2959, 0.3370



68.9397, 0.3021, 0.3056



68.9397, 0.3404, 0.3445

Complementary

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



68.9397, 0.2959, 0.3370



57.5320, 0.3327, 0.3212

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.



68.9397, 0.3386, 0.3332



68.9397, 0.2959, 0.3370



68.9397, 0.3162, 0.3111

Square

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



68.9397, 0.2959, 0.3370



68.9397, 0.2910, 0.3061



68.9397, 0.3296, 0.3210



68.9397, 0.3346, 0.3521

Rectangle

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



68.9397, 0.2959, 0.3370



68.9397, 0.2856, 0.3160



68.9397, 0.3296, 0.3210



68.9397, 0.3407, 0.3410

Sweetspot

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



68.9426, 0.2959, 0.3370



97.9695, 0.3077, 0.3312



68.7575, 0.3161, 0.3651



20.8902, 0.3068, 0.3316



0.0000, 0.0000, 0.0000



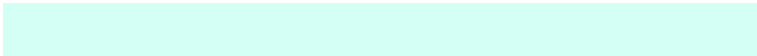
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9426, 0.2959, 0.3370



92.0723, 0.2921, 0.3390



65.0088, 0.2914, 0.3194



15.5168, 0.3012, 0.3343



32.8181, 0.2452, 0.4027



2.2879, 0.2416, 0.3899

Inverse Universe

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



57.5320, 0.3327, 0.3212



73.4146, 0.3383, 0.3192



60.9426, 0.3369, 0.3384



13.7508, 0.3257, 0.3237



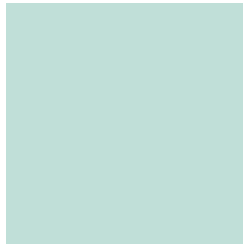
9.3749, 0.5997, 0.3077



0.6633, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 68.9397, 0.2959, 0.3370 looks on a white background.

Color Contrast Check

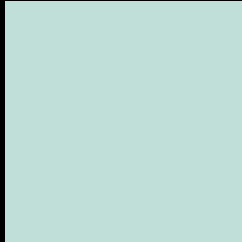
Large Text (above 18pt) WCAG AA × Fail

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 68.9397, 0.2959, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

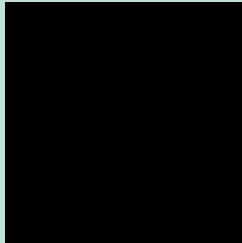
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

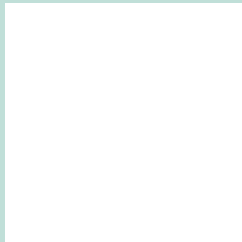
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9397, 0.2959, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 68.9397, 0.2959, 0.3370.

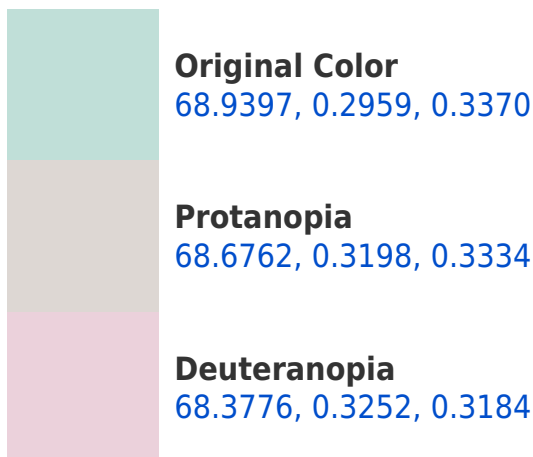


This preview shows how white text looks on a background with the Yxy color 68.9397, 0.2959, 0.3370.

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

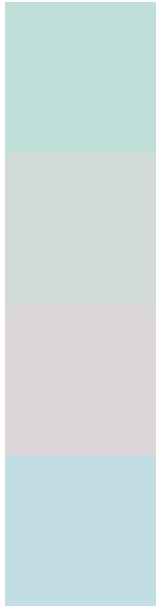




Tritanopia

69.0366, 0.2857, 0.3099

Trichromacy



Original Color

68.9397, 0.2959, 0.3370

Protanomaly

68.6485, 0.3103, 0.3346

Deuteranomaly

68.2152, 0.3137, 0.3246

Tritanomaly

68.9721, 0.2899, 0.3199

Monochromacy



Original Color

68.9397, 0.2959, 0.3370

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4599, 0.3061, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9397, 0.2959, 0.3370 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(192, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 216)  
}
```

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(192, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 216) }
```

Border

The CSS property to change the border of an element to Yxy 68.9397, 0.2959, 0.3370 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(192, 223, 216) }
```

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

```
.border{ border-color:rgb(192, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 223, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 223, 216); box-shadow:4px 4px 4px 4px rgb(192, 223, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9397, 0.2959, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 216) }
```

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

```
.background{ background-color: rgb(192,  
223, 216) }
```

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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