

Converting Colors

$Yxy(69.8197, 0.2985, 0.3393)$

Have a look what the booklet for
Yxy(69.8197, 0.2985, 0.3393)
contains.

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Color

Yxy(69.8197, 0.2985, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	C3E0D7
RGB	195, 224, 215
RGB Percent	76%, 88%, 84%
CMY	0.2354, 0.1215, 0.1568
CMYK	0.13, 0.00, 0.04, 0.12
HSL	161°, 32%, 82%
HSV	161°, 13%, 88%
XYZ	61.4241, 69.8197, 74.5320
YIQ	214.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

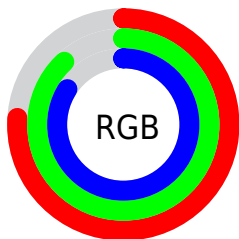
Format	Color
R _{YB}	195, 212, 224
Decimal	12837079
CIE Lab	86.91, -11.29, 1.17
CIE LCh	87, 11.346, 174.098
Yxy	69.8197, 0.2985, 0.3393
Android (android.graphics.Color)	4291027159 (0xFFC3E0D7)
YUV	214.3030, 0.3436, -16.9287
Hunter-Lab	83.5582, -15.0106, 5.6054

Details

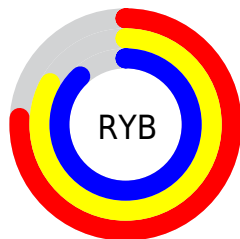
The Yxy color **69.8197, 0.2985, 0.3393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2307, 0.3293, 0.3189**, and the grayscale version is **67.4647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **36.5767, 0.2952, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **66.7097, 0.2881, 0.3482**, and if you desaturate by 10%, it is **73.3983, 0.3094, 0.3312**.

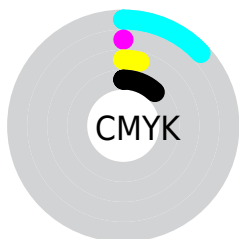
Distribution



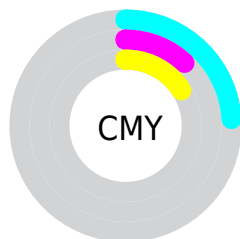
- Red (76%)
- Green (88%)
- Blue (84%)



- Red (76%)
- Yellow (83%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8197, 0.2985, 0.3393 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 69.8197, 0.2985, 0.3393 by changing the saturation by 10% instead.


 69.8197, 0.2985,
0.3393

 69.8197, 0.2985,
0.3393


459.9167, 0.3051,
0.3345

 51.3796, 0.2970,
0.3404


 118.9516, 0.3008,
0.3376

 36.5108, 0.2951,
0.3418

150.4121, 0.3017,
0.3370

 24.8289, 0.2926,
0.3436


186.9816, 0.3025,
0.3364

 15.9496, 0.2894,
0.3459

229.0444, 0.3032,
0.3359

 9.4885, 0.2850,
0.3492

276.9849, 0.3037,
0.3355

 5.0612, 0.2785,
0.3540

331.1875, 0.3043,

 2.2832, 0.2681,

0.3351

0.3618

392.0367, 0.3047,
0.3348

0.7648, 0.2294,
0.3887

0.0000, 0.0000,
0.0000

69.8197, 0.2985,
0.3393

69.8197, 0.2985,
0.3393

66.7097, 0.2881,
0.3482

73.3983, 0.3094,
0.3312

64.0396, 0.2785,
0.3579


77.4556, 0.3206,
0.3240

61.7906, 0.2699,
0.3684

80.6236, 0.3267,
0.3173


59.9394, 0.2628,
0.3794


81.0350, 0.3221,
0.3106


 58.4602, 0.2574,
0.3910

 81.4624, 0.3175,
0.3039

 57.3242, 0.2539,
0.4028

 81.7961, 0.3141,
0.2990

 56.4982, 0.2524,
0.4147

 55.9421, 0.2529,
0.4266

 55.6667, 0.2541,
0.4348

Harmonies

Analogous

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



69.8197, 0.3117, 0.3492



69.8197, 0.2985, 0.3393



69.8197, 0.2892, 0.3266

Triad

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



69.8197, 0.2985, 0.3393



69.8197, 0.2997, 0.3057



69.8197, 0.3401, 0.3422

Complementary

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



69.8197, 0.2985, 0.3393



59.2307, 0.3293, 0.3189

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.



69.8197, 0.3368, 0.3306



69.8197, 0.2985, 0.3393



69.8197, 0.3133, 0.3099

Square

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



69.8197, 0.2985, 0.3393



69.8197, 0.2899, 0.3074



69.8197, 0.3269, 0.3189



69.8197, 0.3359, 0.3506

Rectangle

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



69.8197, 0.2985, 0.3393



69.8197, 0.2863, 0.3185



69.8197, 0.3269, 0.3189



69.8197, 0.3399, 0.3386

Sweetspot

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



69.8226, 0.2985, 0.3393



97.9144, 0.3082, 0.3321



70.1176, 0.3176, 0.3624



20.8763, 0.3074, 0.3326



0.0000, 0.0000, 0.0000



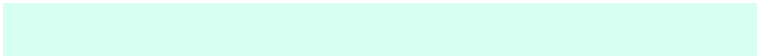
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8226, 0.2985, 0.3393



92.2778, 0.2951, 0.3420



67.4824, 0.2928, 0.3229



15.4962, 0.3023, 0.3364



32.4207, 0.2536, 0.4330



2.2631, 0.2486, 0.4149

Inverse Universe

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



59.2307, 0.3293, 0.3189



74.9925, 0.3340, 0.3164



61.2381, 0.3355, 0.3351



13.7702, 0.3244, 0.3218



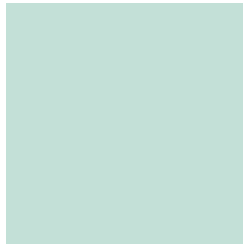
9.4961, 0.5717, 0.2923



0.6739, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 69.8197, 0.2985, 0.3393 looks on a white background.

Color Contrast Check

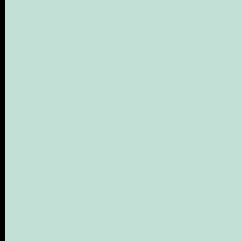
Large Text (above 18pt) WCAG AA × Fail

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 69.8197, 0.2985, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

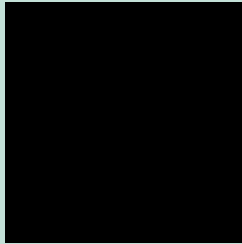
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

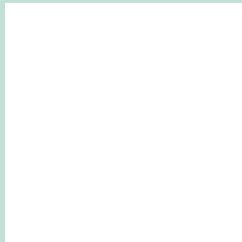
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8197, 0.2985, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 69.8197, 0.2985, 0.3393.



This preview shows how white text looks on a background with the Yxy color 69.8197, 0.2985, 0.3393.

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

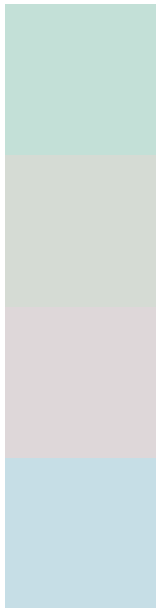




Tritanopia

70.0281, 0.2871, 0.3101

Trichromacy



Original Color

69.8197, 0.2985, 0.3393

Protanomaly

69.5626, 0.3131, 0.3368

Deuteranomaly

69.1402, 0.3165, 0.3268

Tritanomaly

69.9615, 0.2913, 0.3199

Monochromacy



Original Color

69.8197, 0.2985, 0.3393

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2632, 0.3075, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8197, 0.2985, 0.3393 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(195, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 215)  
}
```

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(195, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 215) }
```

Border

The CSS property to change the border of an element to Yxy 69.8197, 0.2985, 0.3393 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(195, 224, 215) }
```

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

```
.border{ border-color:rgb(195, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8197, 0.2985, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 215) }
```

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

```
.background{ background-color: rgb(195,  
224, 215) }
```

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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