

Converting Colors

$Yxy(69.7390, 0.3107, 0.3679)$

Have a look what the booklet for
Yxy(69.7390, 0.3107, 0.3679)
contains.

Yxy(69.5804, 0.3109, 0.3678)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5804, 0.3109, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	C1E2C1
RGB	193, 226, 193
RGB Percent	76%, 89%, 76%
CMY	0.2431, 0.1137, 0.2431
CMYK	0.15, 0.00, 0.15, 0.11
HSL	120°, 36%, 82%
HSV	120°, 15%, 89%
XYZ	58.8161, 69.5804, 60.7835
YIQ	212.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

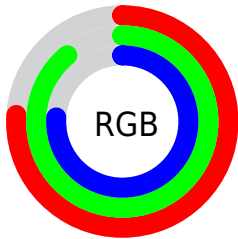
Format	Color
RYB	193, 226, 226
Decimal	12706497
CIELab	86.79, -16.99, 12.55
CIElCh	87, 21.116, 143.548
Yxy	69.5804, 0.3109, 0.3678
Android (android.graphics.Color)	4290896577 (0xFFC1E2C1)
YUV	212.3710, -9.5499, -16.9884
Hunter-Lab	83.4149, -20.1152, 15.1864

Details

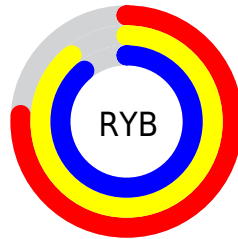
The Yxy color **69.5804, 0.3109, 0.3678** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.8008, 0.3144, 0.2930**, and the grayscale version is **66.1700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6835, 0.3131, 0.3348**, and **36.4789, 0.3104, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **65.9040, 0.3095, 0.3987**, and if you desaturate by 10%, it is **73.8706, 0.3122, 0.3404**.

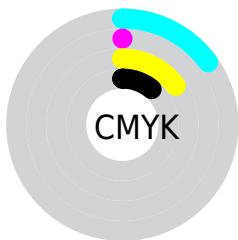
Distribution



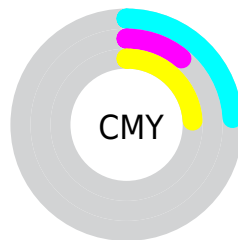
- Red (76%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)




- Cyan (24%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5804, 0.3109, 0.3678 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 69.5804, 0.3109, 0.3678 by changing the saturation by 10% instead.


 69.5804, 0.3109,
0.3678

 69.5804, 0.3109,
0.3678


459.0753, 0.3120,
0.3492

 51.1845, 0.3106,
0.3722

 118.6102, 0.3113,
0.3612

 36.3555, 0.3102,
0.3777

150.0129, 0.3115,
0.3587

 24.7089, 0.3096,
0.3849


186.5200, 0.3116,
0.3566

 15.8603, 0.3087,
0.3945

228.5159, 0.3117,
0.3547

 9.4253, 0.3073,
0.4080

276.3850, 0.3118,
0.3531

 5.0196, 0.3048,
0.4285


330.5117, 0.3119,


 2.2588, 0.2997,

0.3516

0.4629

391.2803, 0.3119,
0.3504


 0.7518, 0.2852,
0.7148


 0.0000, 0.0000,
0.0000

 69.5804, 0.3109,
0.3678


 69.5804, 0.3109,
0.3678

 65.9040, 0.3095,
0.3987


 73.8706, 0.3122,
0.3404

 62.8050, 0.3079,
0.4325

 78.7914, 0.3133,
0.3165

 60.2567, 0.3062,
0.4683

 82.8742, 0.3140,
0.3009

 58.2270, 0.3045,
0.5041

■ 56.6802, 0.3030,
0.5373

■ 55.5763, 0.3016,
0.5652

■ 54.8689, 0.3007,
0.5854

■ 54.5012, 0.3002,
0.5966

■ 54.3945, 0.3000,
0.6000

Harmonies

Analogous

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



69.5804, 0.3364, 0.3750



69.5804, 0.3109, 0.3678



69.5804, 0.2866, 0.3487

Triad

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



69.5804, 0.3109, 0.3678



69.5804, 0.2704, 0.2891



69.5804, 0.3577, 0.3310

Complementary

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



69.5804, 0.3109, 0.3678



59.8008, 0.3144, 0.2930

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.



69.5804, 0.3386, 0.3101



69.5804, 0.3109, 0.3678



69.5804, 0.2880, 0.2864

Square

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



69.5804, 0.3109, 0.3678



69.5804, 0.2639, 0.3026



69.5804, 0.3129, 0.2940



69.5804, 0.3641, 0.3523

Rectangle

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



69.5804, 0.3109, 0.3678



69.5804, 0.2742, 0.3326



69.5804, 0.3129, 0.2940



69.5804, 0.3525, 0.3237

Sweetspot

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



69.5834, 0.3109, 0.3678



97.4772, 0.3123, 0.3390



74.1152, 0.3346, 0.3645



20.7658, 0.3122, 0.3409



0.0000, 0.0000, 0.0000



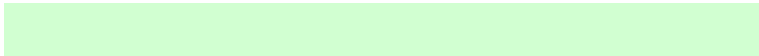
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5834, 0.3109, 0.3678



89.6996, 0.3104, 0.3783



70.3333, 0.3009, 0.3487



15.3374, 0.3116, 0.3532



31.0313, 0.3000, 0.6000



2.1510, 0.3000, 0.6000

Inverse Universe

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



59.8008, 0.3144, 0.2930



74.1284, 0.3148, 0.2842



58.9665, 0.3264, 0.3101



13.9355, 0.3138, 0.3059



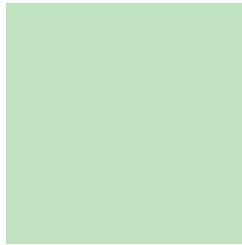
12.3531, 0.3209, 0.1541



0.8563, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 69.5804, 0.3109, 0.3678 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 69.5804, 0.3109, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

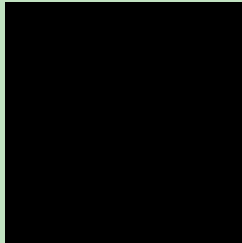
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5804, 0.3109, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 69.5804, 0.3109, 0.3678.



This preview shows how white text looks on a background with the Yxy color 69.5804, 0.3109, 0.3678.

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

69.5802, 0.2883, 0.3100

Trichromacy



Original Color

69.5804, 0.3109, 0.3678

Protanomaly

69.3512, 0.3293, 0.3630

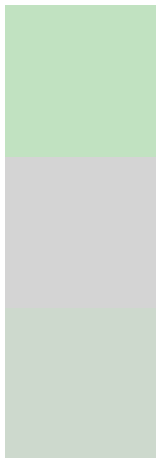
Deuteranomaly

68.7098, 0.3348, 0.3512

Tritanomaly

69.3333, 0.2961, 0.3301

Monochromacy



Original Color

69.5804, 0.3109, 0.3678

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0126, 0.3121, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5804, 0.3109, 0.3678 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(193, 226, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 193)  
}
```

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(193, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 193) }
```

Border

The CSS property to change the border of an element to Yxy 69.5804, 0.3109, 0.3678 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(193, 226, 193) }
```

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

```
.border{ border-color:rgb(193, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5804, 0.3109, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 193) }
```

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

```
.background{ background-color: rgb(193,  
226, 193) }
```

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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