

Converting Colors

$Yxy(70.0861, 0.3174, 0.3735)$

Have a look what the booklet for
Yxy(70.0861, 0.3174, 0.3735)
contains.

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Color

Yxy(70.0293, 0.3176, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	C6E2BC
RGB	198, 226, 188
RGB Percent	78%, 89%, 74%
CMY	0.2235, 0.1137, 0.2628
CMYK	0.12, 0.00, 0.17, 0.11
HSL	104°, 40%, 81%
HSV	104°, 17%, 89%
XYZ	59.5643, 70.0293, 57.9514
YIQ	213.2960, -4.4900, -17.7540

Conversions

Conversions Part 2

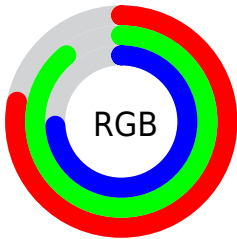
Format	Color
RYB	188, 226, 216
Decimal	13034172
CIELab	87.01, -16.14, 15.52
CIElCh	87, 22.392, 136.107
Yxy	70.0293, 0.3176, 0.3734
Android (android.graphics.Color)	4291224252 (0xFFC6E2BC)
YUV	213.2960, -12.4709, -13.4146
Hunter-Lab	83.6835, -19.3933, 17.5197

Details

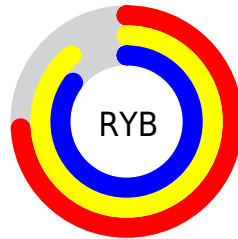
The Yxy color **70.0293, 0.3176, 0.3734** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0524, 0.3067, 0.2864**, and the grayscale version is **66.8382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **36.8044, 0.3182, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **66.9937, 0.3201, 0.4034**, and if you desaturate by 10%, it is **73.4721, 0.3147, 0.3460**.

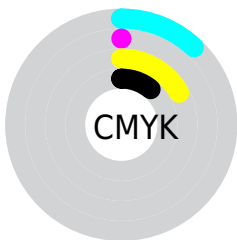
Distribution



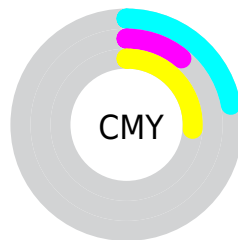
- Red (78%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)





- Cyan (22%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0293, 0.3176, 0.3734 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 70.0293, 0.3176, 0.3734 by changing the saturation by 10% instead.


 70.0293, 0.3176,
0.3734

 70.0293, 0.3176,
0.3734

460.6529, 0.3156,
0.3522

 51.5504, 0.3180,
0.3784

 119.2505, 0.3170,
0.3659

 36.6468, 0.3184,
0.3847


150.7617, 0.3167,
0.3630

 24.9342, 0.3189,
0.3929

187.3857, 0.3165,
0.3605

 16.0280, 0.3194,
0.4038

229.5070, 0.3163,
0.3584

 9.5440, 0.3198,
0.4191

277.5100, 0.3161,
0.3566

 5.0977, 0.3198,
0.4422

331.7790, 0.3159,

 2.3047, 0.3183,

0.3549

392.6985, 0.3158,
0.3535

0.4805

0.7762, 0.3070,
0.6930

0.0000, 0.0000,
0.0000

70.0293, 0.3176,
0.3734

70.0293, 0.3176,
0.3734

66.9937, 0.3201,
0.4034

73.4721, 0.3147,
0.3460

64.3412, 0.3222,
0.4355

77.3273, 0.3118,
0.3215

62.0586, 0.3234,
0.4686

81.5599, 0.3093,
0.3005

60.1289, 0.3235,
0.5013

82.8739, 0.3140,
0.3009

■ 58.5331, 0.3225,
0.5315

■ 57.2508, 0.3200,
0.5572

■ 56.2587, 0.3163,
0.5766

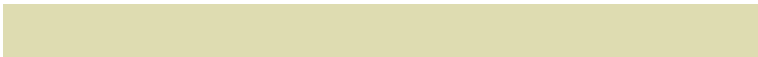
■ 55.5291, 0.3118,
0.5888

■ 55.3413, 0.3104,
0.5917

Harmonies

Analogous

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



70.0293, 0.3438, 0.3773



70.0293, 0.3176, 0.3734



70.0293, 0.2909, 0.3558

Triad

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



70.0293, 0.3176, 0.3734



70.0293, 0.2652, 0.2894



70.0293, 0.3564, 0.3253

Complementary

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



70.0293, 0.3176, 0.3734



56.0524, 0.3067, 0.2864

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.



70.0293, 0.3337, 0.3042



70.0293, 0.3176, 0.3734



70.0293, 0.2811, 0.2837

Square

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



70.0293, 0.3176, 0.3734



70.0293, 0.2614, 0.3060



70.0293, 0.3059, 0.2892



70.0293, 0.3669, 0.3482

Rectangle

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



70.0293, 0.3176, 0.3734



70.0293, 0.2763, 0.3392



70.0293, 0.3059, 0.2892



70.0293, 0.3498, 0.3178

Sweetspot

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



70.0323, 0.3176, 0.3734



97.4684, 0.3142, 0.3415



68.8435, 0.3397, 0.3600



20.7885, 0.3144, 0.3433



0.0000, 0.0000, 0.0000



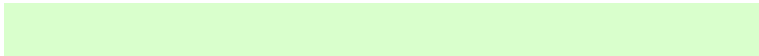
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0323, 0.3176, 0.3734



90.6994, 0.3185, 0.3831



69.1098, 0.3050, 0.3635



15.5110, 0.3155, 0.3529



31.6208, 0.3114, 0.5910



2.2347, 0.3225, 0.5821

Inverse Universe

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



56.0524, 0.3067, 0.2864



69.2046, 0.3053, 0.2776



57.1507, 0.3214, 0.2968



13.7444, 0.3096, 0.3056



7.8445, 0.2553, 0.1180



0.5864, 0.2658, 0.1238

Previews

White Background



This preview shows how the Yxy color 70.0293, 0.3176, 0.3734 looks on a white background.

Color Contrast Check

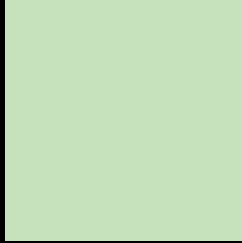
Large Text (above 18pt) WCAG AA × Fail

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 70.0293, 0.3176, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

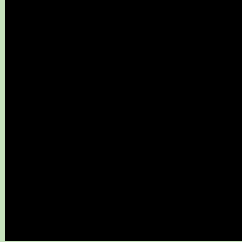
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

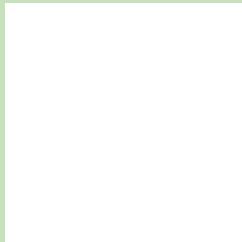
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0293, 0.3176, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 70.0293, 0.3176, 0.3734.

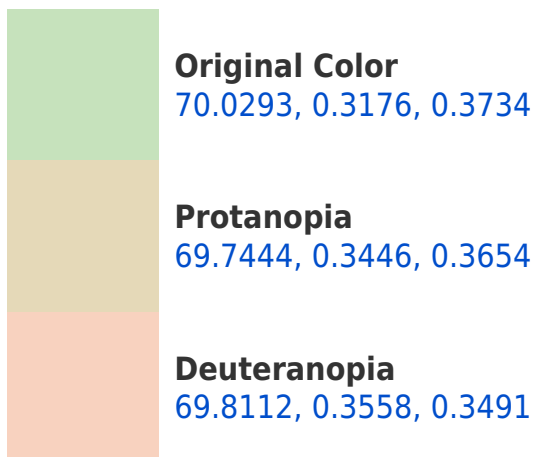


This preview shows how white text looks on a background with the Yxy color 70.0293, 0.3176, 0.3734.

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

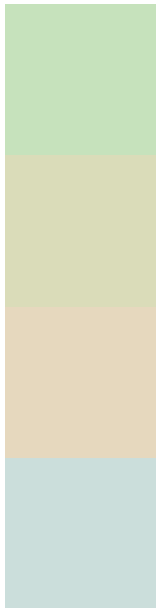




Tritanopia

69.8993, 0.2922, 0.3092

Trichromacy



Original Color

70.0293, 0.3176, 0.3734

Protanomaly

69.5946, 0.3350, 0.3685

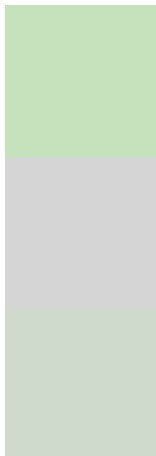
Deuteranomaly

69.6524, 0.3413, 0.3576

Tritanomaly

70.0535, 0.3014, 0.3324

Monochromacy



Original Color

70.0293, 0.3176, 0.3734

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.9123, 0.3149, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0293, 0.3176, 0.3734 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(198, 226, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 188)  
}
```

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(198, 226, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 188) }
```

Border

The CSS property to change the border of an element to Yxy 70.0293, 0.3176, 0.3734 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(198, 226, 188) }
```

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

```
.border{ border-color:rgb(198, 226, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0293, 0.3176, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 188) }
```

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

```
.background{ background-color: rgb(198,  
226, 188) }
```

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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