

Converting Colors

Yxy(76.6504, 0.2895, 0.3330)

Have a look what the booklet for
Yxy(76.6504, 0.2895, 0.3330)
contains.

Yxy(76.7883, 0.2893, 0.3334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.7883, 0.2893, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	C3EBE7
RGB	195, 235, 231
RGB Percent	76%, 92%, 91%
CMY	0.2354, 0.0784, 0.0942
CMYK	0.17, 0.00, 0.02, 0.08
HSL	174°, 50%, 84%
HSV	174°, 17%, 92%
XYZ	66.6312, 76.7883, 86.8993
YIQ	222.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

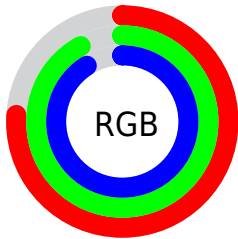
Format	Color
R_{YB}	195, 216, 235
Decimal	12839911
CIE _{Lab}	90.22, -13.69, -2.37
CIE _{LCh}	90, 13.896, 189.826
Yxy	76.7883, 0.2893, 0.3334
Android (android.graphics.Color)	4291029991 (0xFFC3EBE7)
YUV	222.5840, 4.1491, -24.1912
Hunter-Lab	87.6289, -17.6229, 2.5439

Details

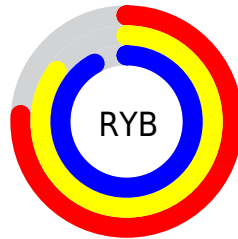
The Yxy color **76.7883, 0.2893, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8080, 0.3422, 0.3247**, and the grayscale version is **73.4619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **40.9981, 0.2845, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **73.7712, 0.2767, 0.3363**, and if you desaturate by 10%, it is **80.3062, 0.3028, 0.3307**.

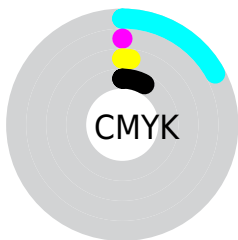
Distribution



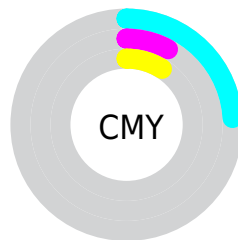
- Red (76%)
- Green (92%)
- Blue (91%)



- Red (76%)
- Yellow (85%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)




- Cyan (24%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7883, 0.2893, 0.3334 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 76.7883, 0.2893, 0.3334 by changing the saturation by 10% instead.


 76.7883, 0.2893,
0.3334

 76.7883, 0.2893,
0.3334

484.0419, 0.3000,
0.3315

 57.0791, 0.2869,
0.3338

 128.8406, 0.2930,
0.3327

 41.0688, 0.2839,
0.3343


161.9525, 0.2944,
0.3325

 28.3728, 0.2802,
0.3350


200.3008, 0.2957,
0.3323

 18.6069, 0.2754,
0.3358

244.2699, 0.2967,
0.3321

 11.3866, 0.2689,
0.3368

294.2442, 0.2977,
0.3319

 6.3275, 0.2596,
0.3382


350.6080, 0.2986,


 3.0452, 0.2455,

0.3317

0.3402

413.7458, 0.2993,
0.3316


 1.1554, 0.2205,
0.3435


 0.0248, 0.0000,
0.1140

 76.7883, 0.2893,
0.3334


 76.7883, 0.2893,
0.3334


 73.7712, 0.2767,
0.3363


 80.3062, 0.3028,
0.3307

 71.2224, 0.2653,
0.3394

 84.3368, 0.3170,
0.3283

 69.1203, 0.2555,
0.3426

 86.8612, 0.3243,
0.3260

 67.4376, 0.2473,
0.3460

 87.0012, 0.3228,
0.3237


 66.1444, 0.2410,
0.3495


 87.1429, 0.3213,
0.3214

 65.2067, 0.2367,
0.3530

 87.2865, 0.3198,
0.3191

 64.5844, 0.2343,
0.3565

 87.4319, 0.3183,
0.3169

 64.2260, 0.2336,
0.3599

 87.5792, 0.3168,
0.3146

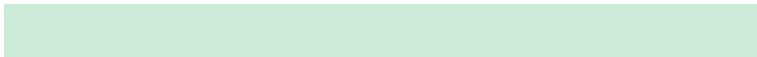
 64.1457, 0.2336,
0.3609

 87.7284, 0.3153,
0.3123

Harmonies

Analogous

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



76.7883, 0.3029, 0.3476



76.7883, 0.2893, 0.3334



76.7883, 0.2819, 0.3184

Triad

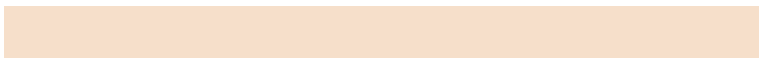
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7883, 0.2893, 0.3334



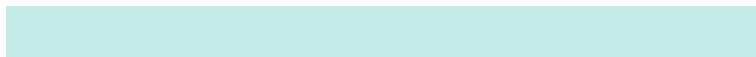
76.7883, 0.3054, 0.3033



76.7883, 0.3437, 0.3505

Complementary

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



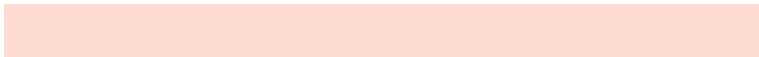
76.7883, 0.2893, 0.3334



60.8080, 0.3422, 0.3247

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.



76.7883, 0.3445, 0.3383



76.7883, 0.2893, 0.3334



76.7883, 0.3221, 0.3115

Square

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



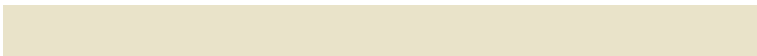
76.7883, 0.2893, 0.3334



76.7883, 0.2910, 0.3015



76.7883, 0.3365, 0.3241



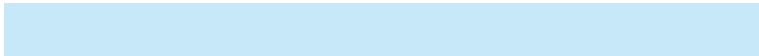
76.7883, 0.3344, 0.3574

Rectangle

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



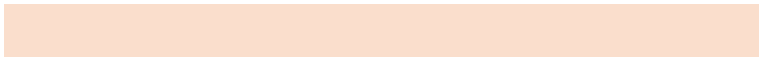
76.7883, 0.2893, 0.3334



76.7883, 0.2814, 0.3101



76.7883, 0.3365, 0.3241



76.7883, 0.3450, 0.3469

Sweetspot

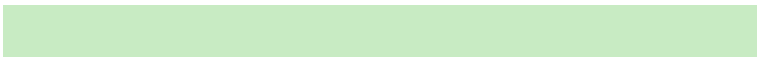
The Sweet Spot groups the original color and five complimentary colors.



76.7915, 0.2893, 0.3334



97.5792, 0.3056, 0.3302



75.5937, 0.3137, 0.3747



20.8159, 0.3046, 0.3304



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.



76.7915, 0.2893, 0.3334



91.2514, 0.2853, 0.3343



68.6089, 0.2862, 0.3117



17.0942, 0.2995, 0.3314



35.7067, 0.2334, 0.3604



2.8114, 0.2321, 0.3556

Inverse Universe

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



60.8080, 0.3422, 0.3247



69.0556, 0.3487, 0.3239



67.8567, 0.3426, 0.3457



15.0787, 0.3277, 0.3267



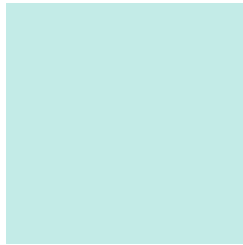
9.8742, 0.6282, 0.3234



0.7837, 0.6021, 0.3090

Previews

White Background



This preview shows how the Yxy color 76.7883, 0.2893, 0.3334 looks on a white background.

Color Contrast Check

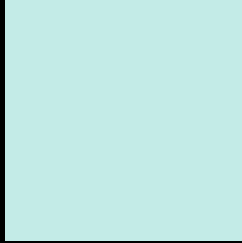
Large Text (above 18pt) WCAG AA × Fail

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 76.7883, 0.2893, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

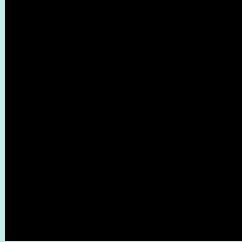
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

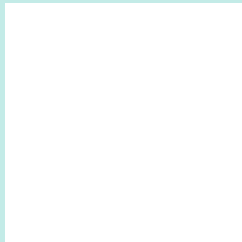
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7883, 0.2893, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 76.7883, 0.2893, 0.3334.

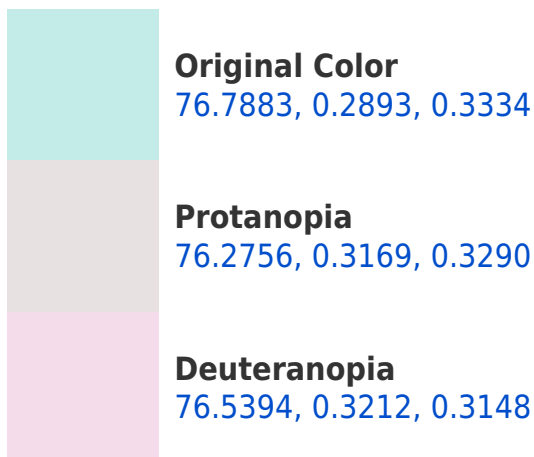


This preview shows how white text looks on a background with the Yxy color 76.7883, 0.2893, 0.3334.

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

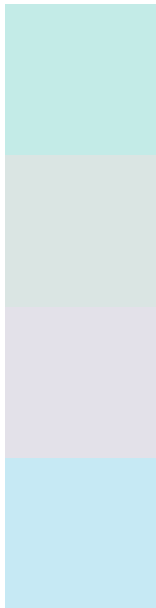




Tritanopia

76.8204, 0.2803, 0.3084

Trichromacy



Original Color

76.7883, 0.2893, 0.3334

Protanomaly

76.4901, 0.3065, 0.3311

Deuteranomaly

76.0645, 0.3090, 0.3206

Tritanomaly

76.8152, 0.2837, 0.3169

Monochromacy



Original Color

76.7883, 0.2893, 0.3334

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.5753, 0.3038, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7883, 0.2893, 0.3334 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, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 231)  
}
```

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, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 231) }
```

Border

The CSS property to change the border of an element to Yxy 76.7883, 0.2893, 0.3334 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, 235, 231) }
```

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

```
.border{ border-color:rgb(195, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7883, 0.2893, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 231) }
```

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

```
.background{ background-color: rgb(195,  
235, 231) }
```

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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