

Converting Colors

$Yxy(70.7533, 0.2944, 0.3278)$

Have a look what the booklet for
Yxy(70.7533, 0.2944, 0.3278)
contains.

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Color

Yxy(70.7533, 0.2944, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C6E0E1
RGB	198, 224, 225
RGB Percent	78%, 88%, 88%
CMY	0.2233, 0.1216, 0.1176
CMYK	0.12, 0.00, 0.00, 0.12
HSL	182°, 31%, 83%
HSV	182°, 12%, 88%
XYZ	63.5441, 70.7533, 81.5454
YIQ	216.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

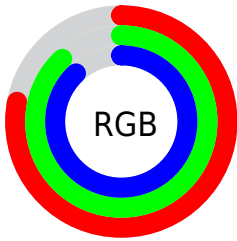
Format	Color
RYB	198, 211, 225
Decimal	13033697
CIELab	87.37, -8.34, -3.41
CIELCh	87, 9.007, 202.246
Yxy	70.7533, 0.2944, 0.3278
Android (android.graphics.Color)	4291223777 (0xFFC6E0E1)
YUV	216.3400, 4.2694, -16.0842
Hunter-Lab	84.1150, -12.3545, 1.4017

Details

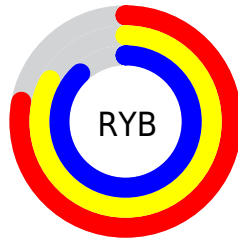
The Yxy color **70.7533, 0.2944, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9623, 0.3341, 0.3302**, and the grayscale version is **68.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2075, 0.2899, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **67.4679, 0.2800, 0.3267**, and if you desaturate by 10%, it is **74.5011, 0.3096, 0.3288**.

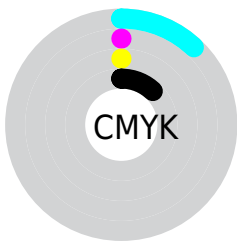
Distribution



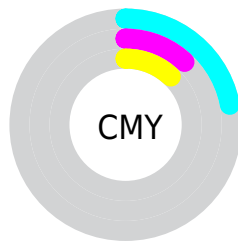
- Red (78%)
- Green (88%)
- Blue (88%)



- Red (78%)
- Yellow (83%)
- Blue (88%)



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



- Cyan (22%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7533, 0.2944, 0.3278 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 70.7533, 0.2944, 0.3278 by changing the saturation by 10% instead.

■ 70.7533, 0.2944,
0.3278

■ 70.7533, 0.2944,
0.3278

463.1906, 0.3029,
0.3284

■ 52.1409, 0.2925,
0.3276

120.2824, 0.2973,
0.3280

■ 37.1174, 0.2901,
0.3274

151.9679, 0.2985,
0.3281

■ 25.2984, 0.2870,
0.3272

188.7798, 0.2995,
0.3282

■ 16.2995, 0.2830,
0.3268

231.1026, 0.3003,
0.3282

■ 9.7363, 0.2776,
0.3262

279.3207, 0.3011,
0.3283

■ 5.2245, 0.2697,
0.3254

333.8185, 0.3018,

■ 2.3796, 0.2573,

0.3283

0.3238

394.9803, 0.3024,
0.3284

0.8154, 0.2266,
0.3233

0.0000, 0.0000,
0.0000

70.7533, 0.2944,
0.3278

70.7533, 0.2944,
0.3278

67.4679, 0.2800,
0.3267

74.5011, 0.3096,
0.3288

64.6160, 0.2667,
0.3256

78.7212, 0.3254,
0.3297

62.1793, 0.2549,
0.3244

81.3785, 0.3338,
0.3306

60.1344, 0.2447,
0.3231

81.8411, 0.3337,
0.3314

■ 58.4558, 0.2363,
0.3218

■ 82.3060, 0.3336,
0.3323

■ 57.1149, 0.2299,
0.3206

■ 82.7731, 0.3335,
0.3331

■ 56.0788, 0.2253,
0.3193

■ 83.2426, 0.3334,
0.3339

■ 55.3079, 0.2226,
0.3181

■ 83.7143, 0.3333,
0.3348

■ 54.8295, 0.2214,
0.3171

■ 84.1883, 0.3332,
0.3356

Harmonies

Analogous

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



70.7533, 0.3021, 0.3377



70.7533, 0.2944, 0.3278



70.7533, 0.2916, 0.3184

Triad

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



70.7533, 0.2944, 0.3278



70.7533, 0.3125, 0.3135



70.7533, 0.3314, 0.3458

Complementary

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



70.7533, 0.2944, 0.3278



60.9623, 0.3341, 0.3302

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.



70.7533, 0.3343, 0.3390



70.7533, 0.2944, 0.3278



70.7533, 0.3233, 0.3205

Square

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



70.7533, 0.2944, 0.3278



70.7533, 0.3019, 0.3104



70.7533, 0.3314, 0.3298



70.7533, 0.3234, 0.3482

Rectangle

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



70.7533, 0.2944, 0.3278



70.7533, 0.2928, 0.3138



70.7533, 0.3314, 0.3298



70.7533, 0.3330, 0.3440

Sweetspot

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



70.7563, 0.2944, 0.3278



97.8721, 0.3065, 0.3286



69.9870, 0.3107, 0.3592



20.8654, 0.3053, 0.3285



0.0000, 0.0000, 0.0000



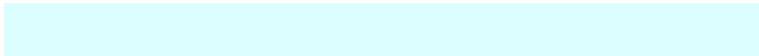
21.4041, 0.3127, 0.3290

Same Dimension

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



70.7563, 0.2944, 0.3278



92.9933, 0.2913, 0.3276



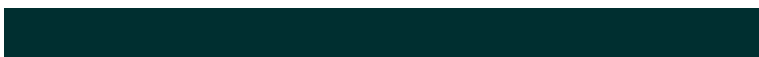
63.8524, 0.2941, 0.3125



15.4793, 0.2982, 0.3281



31.6335, 0.2215, 0.3173



2.2206, 0.2220, 0.3192

Inverse Universe

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



61.7993, 0.3148, 0.3007



79.2136, 0.3152, 0.2956



67.3878, 0.3323, 0.3450



13.9263, 0.3144, 0.3068



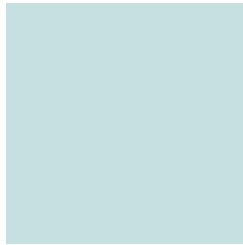
12.1015, 0.3305, 0.1594



0.8416, 0.3289, 0.1586

Previews

White Background



This preview shows how the Yxy color 70.7533, 0.2944, 0.3278 looks on a white background.

Color Contrast Check

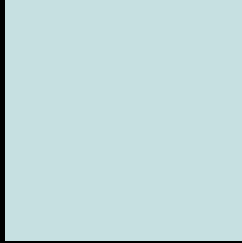
Large Text (above 18pt) WCAG AA × Fail

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 70.7533, 0.2944, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

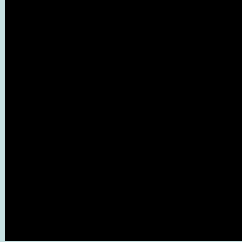
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

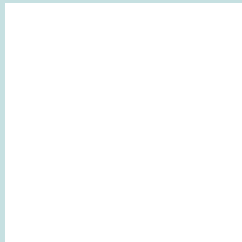
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7533, 0.2944, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 70.7533, 0.2944, 0.3278.

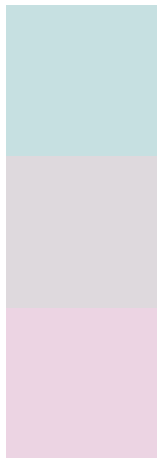


This preview shows how white text looks on a background with the Yxy color 70.7533, 0.2944, 0.3278.

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



Original Color

70.7533, 0.2944, 0.3278

Protanopia

70.3758, 0.3136, 0.3247

Deuteranopia

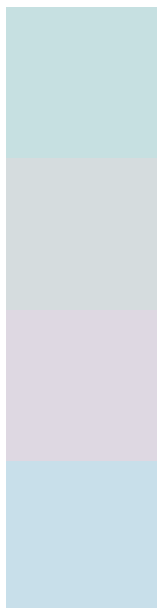
70.4659, 0.3201, 0.3133



Tritanopia

70.8921, 0.2878, 0.3102

Trichromacy



Original Color

70.7533, 0.2944, 0.3278

Protanomaly

70.6065, 0.3065, 0.3268

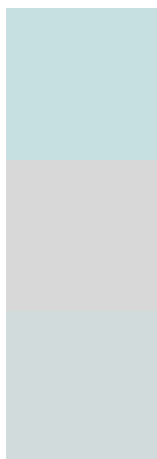
Deuteranomaly

70.1323, 0.3103, 0.3182

Tritanomaly

70.9952, 0.2902, 0.3167

Monochromacy



Original Color

70.7533, 0.2944, 0.3278

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.3328, 0.3056, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7533, 0.2944, 0.3278 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, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 225)  
}
```

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, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 225) }
```

Border

The CSS property to change the border of an element to Yxy 70.7533, 0.2944, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

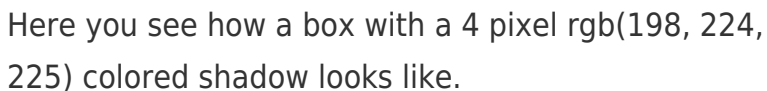
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 224, 225) }
```

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

```
.border{ border-color:rgb(198, 224, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 224, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 224, 225); box-shadow:4px 4px 4px 4px rgb(198, 224, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7533, 0.2944, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 225) }
```

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

```
.background{ background-color: rgb(198,  
224, 225) }
```

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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