

Converting Colors

$Yxy(70.2205, 0.2929, 0.3305)$

Have a look what the booklet for
Yxy(70.2205, 0.2929, 0.3305)
contains.

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Color

Yxy(70.1084, 0.2930, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C2E0DF
RGB	194, 224, 223
RGB Percent	76%, 88%, 87%
CMY	0.2390, 0.1216, 0.1256
CMYK	0.13, 0.00, 0.00, 0.12
HSL	178°, 33%, 82%
HSV	178°, 13%, 88%
XYZ	62.2289, 70.1084, 80.0480
YIQ	214.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

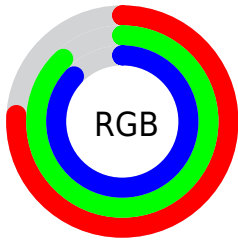
Format	Color
RYB	194, 209, 224
Decimal	12771551
CIELab	87.05, -10.02, -2.83
CIELCh	87, 10.410, 195.800
Yxy	70.1084, 0.2930, 0.3301
Android (android.graphics.Color)	4290961631 (0xFFC2E0DF)
YUV	214.9160, 3.9854, -18.3433
Hunter-Lab	83.7308, -13.8672, 1.9293

Details

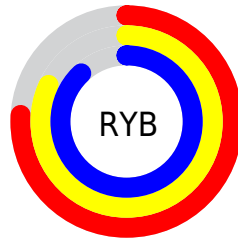
The Yxy color **70.1084, 0.2930, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3937, 0.3364, 0.3279**, and the grayscale version is **67.8825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **36.7785, 0.2881, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **67.3256, 0.2793, 0.3310**, and if you desaturate by 10%, it is **73.3440, 0.3076, 0.3293**.

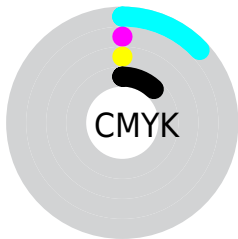
Distribution



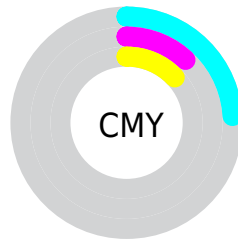
- Red (76%)
- Green (88%)
- Blue (87%)



- Red (76%)
- Yellow (82%)
- Blue (88%)



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



- Cyan (24%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1084, 0.2930, 0.3301 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 70.1084, 0.2930, 0.3301 by changing the saturation by 10% instead.

70.1084, 0.2930,
0.3301

70.1084, 0.2930,
0.3301

460.9305, 0.3022,
0.3297

51.6149, 0.2909,
0.3302

119.3633, 0.2962,
0.3300

36.6982, 0.2883,
0.3303

150.8936, 0.2974,
0.3299

24.9739, 0.2850,
0.3304

187.5382, 0.2985,
0.3298

16.0576, 0.2807,
0.3305

229.6815, 0.2994,
0.3298

9.5649, 0.2748,
0.3307

277.7080, 0.3002,
0.3298

5.1115, 0.2662,
0.3308

332.0021, 0.3009,

2.3128, 0.2526,

0.3297

0.3308

392.9482, 0.3016,
0.3297

0.7805, 0.2136,
0.3352

0.0000, 0.0000,
0.0000

70.1084, 0.2930,
0.3301

70.1084, 0.2930,
0.3301

67.3256, 0.2793,
0.3310

73.3440, 0.3076,
0.3293

64.9669, 0.2668,
0.3320

77.0422, 0.3229,
0.3285

63.0138, 0.2558,
0.3330

80.0200, 0.3339,
0.3278

61.4430, 0.2465,
0.3341

80.0617, 0.3334,
0.3270

60.2288, 0.2390,
0.3352

80.1036, 0.3329,
0.3263

59.3425, 0.2335,
0.3363

80.1457, 0.3324,
0.3255

58.7509, 0.2300,
0.3374

80.1880, 0.3319,
0.3248

58.4135, 0.2281,
0.3385

80.2305, 0.3313,
0.3240

58.2870, 0.2276,
0.3393

80.2731, 0.3308,
0.3233

Harmonies

Analogous

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



70.1084, 0.3028, 0.3413



70.1084, 0.2930, 0.3301



70.1084, 0.2884, 0.3188

Triad

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



70.1084, 0.2930, 0.3301



70.1084, 0.3096, 0.3099



70.1084, 0.3357, 0.3472

Complementary

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



70.1084, 0.2930, 0.3301



58.3937, 0.3364, 0.3279

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.



70.1084, 0.3377, 0.3384



70.1084, 0.2930, 0.3301



70.1084, 0.3224, 0.3171

Square

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



70.1084, 0.2930, 0.3301



70.1084, 0.2979, 0.3075



70.1084, 0.3328, 0.3275



70.1084, 0.3275, 0.3512

Rectangle

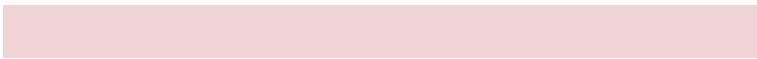
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1084, 0.2930, 0.3301



70.1084, 0.2889, 0.3129



70.1084, 0.3328, 0.3275



70.1084, 0.3371, 0.3446

Sweetspot

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



70.1113, 0.2930, 0.3301



98.0942, 0.3066, 0.3293



68.8811, 0.3121, 0.3641



20.9219, 0.3055, 0.3294



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.



70.1113, 0.2930, 0.3301



92.9772, 0.2891, 0.3303



63.2067, 0.2919, 0.3134



15.5639, 0.2987, 0.3298



33.9322, 0.2275, 0.3391



2.3545, 0.2271, 0.3374

Inverse Universe

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



58.3937, 0.3364, 0.3279



74.3910, 0.3422, 0.3277



64.6236, 0.3351, 0.3442



13.7080, 0.3287, 0.3282



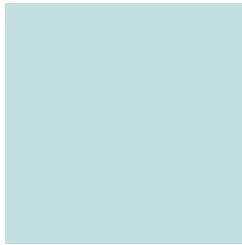
9.2374, 0.6363, 0.3279



0.6430, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 70.1084, 0.2930, 0.3301 looks on a white background.

Color Contrast Check

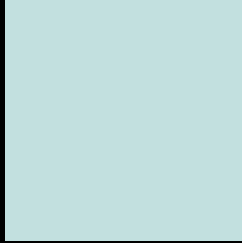
Large Text (above 18pt) WCAG AA × Fail

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 70.1084, 0.2930, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

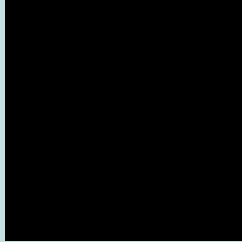
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

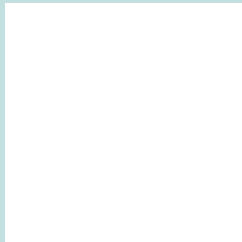
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1084, 0.2930, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 70.1084, 0.2930, 0.3301.

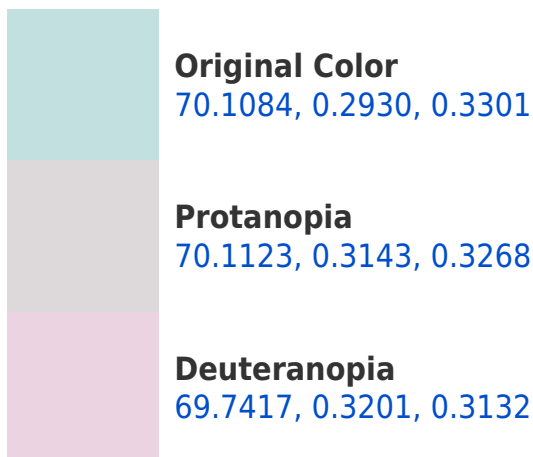


This preview shows how white text looks on a background with the Yxy color 70.1084, 0.2930, 0.3301.

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

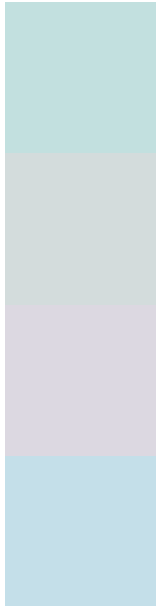




Tritanopia

70.3449, 0.2853, 0.3100

Trichromacy



Original Color

70.1084, 0.2930, 0.3301

Protanomaly

70.2026, 0.3064, 0.3290

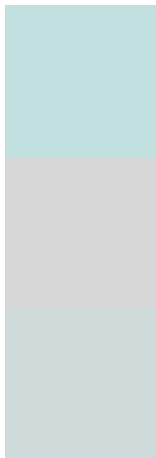
Deuteranomaly

69.7636, 0.3096, 0.3192

Tritanomaly

70.3943, 0.2882, 0.3177

Monochromacy



Original Color

70.1084, 0.2930, 0.3301

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.4702, 0.3049, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1084, 0.2930, 0.3301 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(194, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 223)  
}
```

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(194, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.1084, 0.2930, 0.3301 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(194, 224, 223) }
```

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

```
.border{ border-color:rgb(194, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1084, 0.2930, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 223) }
```

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

```
.background{ background-color: rgb(194,  
224, 223) }
```

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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