

Converting Colors

$Yxy(70.7281, 0.2767, 0.3259)$

Have a look what the booklet for
Yxy(70.7281, 0.2767, 0.3259)
contains.

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Color

Yxy(70.9221, 0.2768, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	AFE5E7
RGB	175, 229, 231
RGB Percent	69%, 90%, 91%
CMY	0.3141, 0.1019, 0.0941
CMYK	0.24, 0.01, 0.00, 0.09
HSL	182°, 54%, 80%
HSV	182°, 24%, 91%
XYZ	60.1079, 70.9221, 86.1228
YIQ	213.0820, -32.8260, -10.8260

Conversions

Conversions Part 2

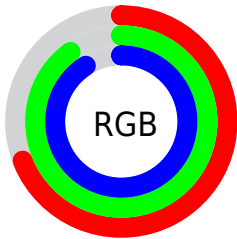
Format	Color
RYB	175, 202, 231
Decimal	11527655
CIELab	87.45, -16.72, -6.60
CIELCh	87, 17.975, 201.558
Yxy	70.9221, 0.2768, 0.3266
Android (android.graphics.Color)	4289717735 (0xFFAFE5E7)
YUV	213.0820, 8.8336, -33.3979
Hunter-Lab	84.2153, -19.9739, -1.6823

Details

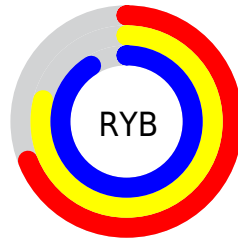
The Yxy color **70.9221, 0.2768, 0.3266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.4840, 0.3630, 0.3314**, and the grayscale version is **66.5446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **37.0472, 0.2688, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **68.0282, 0.2638, 0.3255**, and if you desaturate by 10%, it is **74.2810, 0.2910, 0.3276**.

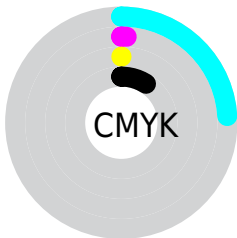
Distribution



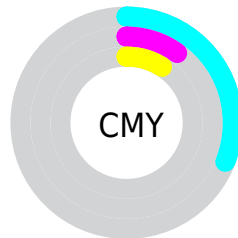
- Red (69%)
- Green (90%)
- Blue (91%)



- Red (69%)
- Yellow (79%)
- Blue (91%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)





- Cyan (31%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9221, 0.2768, 0.3266 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 70.9221, 0.2768, 0.3266 by changing the saturation by 10% instead.


 70.9221, 0.2768,
0.3266

 70.9221, 0.2768,
0.3266


463.7811, 0.2933,
0.3280

 52.2786, 0.2730,
0.3262


 120.5228, 0.2825,
0.3271

 37.2272, 0.2684,
0.3258


152.2488, 0.2847,
0.3273

 25.3835, 0.2626,
0.3251


189.1045, 0.2867,
0.3275

 16.3630, 0.2550,
0.3242

231.4741, 0.2883,
0.3276

 9.7814, 0.2447,
0.3228

279.7423, 0.2898,
0.3277

 5.2542, 0.2300,
0.3204

334.2932, 0.2911,

 2.3972, 0.2075,

0.3278

0.3160

395.5113, 0.2923,
0.3279

0.8244, 0.1435,
0.3152

0.0000, 0.0000,
0.0000

70.9221, 0.2768,
0.3266

70.9221, 0.2768,
0.3266

68.0282, 0.2638,
0.3255

74.2810, 0.2910,
0.3276

65.5675, 0.2523,
0.3244


78.1178, 0.3061,
0.3286


63.5173, 0.2426,
0.3232


82.4557, 0.3217,
0.3295

61.8499, 0.2347,
0.3220


84.9025, 0.3291,
0.3303

 60.5337, 0.2287,
0.3208

 85.3633, 0.3291,
0.3311

 59.5323, 0.2247,
0.3196

 85.8262, 0.3290,
0.3319

 58.8013, 0.2224,
0.3184

 86.2912, 0.3289,
0.3327

 58.4647, 0.2216,
0.3178

 86.7584, 0.3288,
0.3335

 87.2277, 0.3287,
0.3343

Harmonies

Analogous

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



70.9221, 0.2918, 0.3469



70.9221, 0.2768, 0.3266



70.9221, 0.2711, 0.3078

Triad

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



70.9221, 0.2768, 0.3266



70.9221, 0.3115, 0.2985



70.9221, 0.3503, 0.3621

Complementary

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



70.9221, 0.2768, 0.3266



51.4840, 0.3630, 0.3314

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.



70.9221, 0.3561, 0.3479



70.9221, 0.2768, 0.3266



70.9221, 0.3333, 0.3119

Square

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



70.9221, 0.2768, 0.3266



70.9221, 0.2906, 0.2926



70.9221, 0.3499, 0.3296



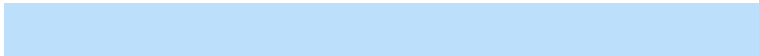
70.9221, 0.3342, 0.3677

Rectangle

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



70.9221, 0.2768, 0.3266



70.9221, 0.2733, 0.2988



70.9221, 0.3499, 0.3296



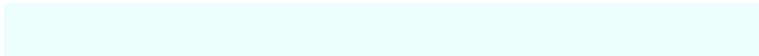
70.9221, 0.3535, 0.3581

Sweetspot

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



70.9250, 0.2768, 0.3266



96.3691, 0.3018, 0.3284



69.4229, 0.3084, 0.3953



20.5630, 0.3009, 0.3283



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.



70.9250, 0.2768, 0.3266



86.9160, 0.2703, 0.3261



56.6888, 0.2740, 0.2931



16.2445, 0.2982, 0.3281



32.8160, 0.2217, 0.3180



2.4524, 0.2221, 0.3197

Inverse Universe

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



53.2749, 0.3171, 0.2707



61.3811, 0.3181, 0.2589



63.6617, 0.3557, 0.3624



14.6060, 0.3143, 0.3066



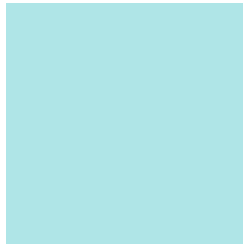
12.5105, 0.3299, 0.1591



0.9273, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 70.9221, 0.2768, 0.3266 looks on a white background.

Color Contrast Check

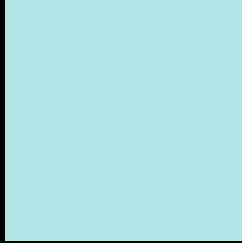
Large Text (above 18pt) WCAG AA × Fail

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 70.9221, 0.2768, 0.3266 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 70.9221, 0.2768, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 70.9221, 0.2768, 0.3266.

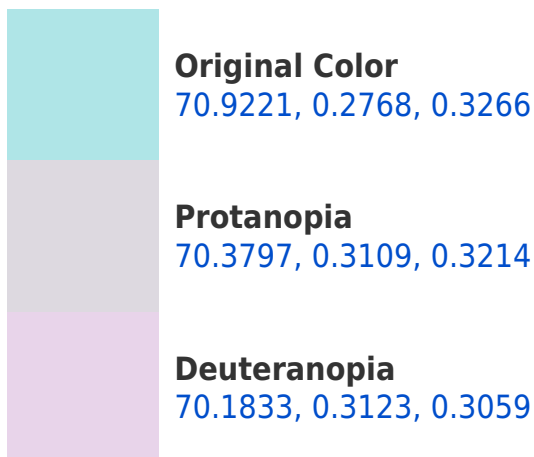


This preview shows how white text looks on a background with the Yxy color 70.9221, 0.2768, 0.3266.

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

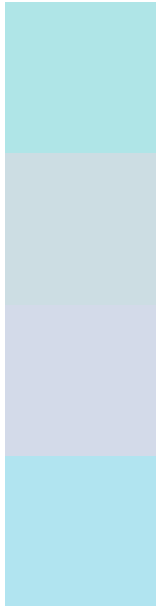




Tritanopia

70.9957, 0.2708, 0.3085

Trichromacy



Original Color

70.9221, 0.2768, 0.3266

Protanomaly

70.0963, 0.2971, 0.3223

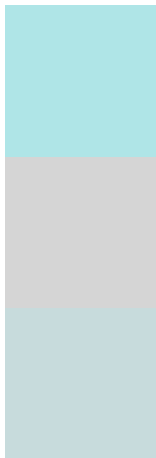
Deuteranomaly

69.8749, 0.2981, 0.3125

Tritanomaly

71.1252, 0.2730, 0.3152

Monochromacy



Original Color

70.9221, 0.2768, 0.3266

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.9725, 0.2981, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9221, 0.2768, 0.3266 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(175, 229, 231)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 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(175, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 231) }
```

Border

The CSS property to change the border of an element to Yxy 70.9221, 0.2768, 0.3266 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(175, 229, 231) }
```

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

```
.border{ border-color:rgb(175, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(175, 229,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9221, 0.2768, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 231) }
```

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

```
.background{ background-color: rgb(175,  
229, 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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