

Converting Colors

$Yxy(70.9361, 0.2736, 0.3279)$

Have a look what the booklet for
Yxy(70.9361, 0.2736, 0.3279)
contains.

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Color

Yxy(70.7982, 0.2735, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	A9E6E7
RGB	169, 230, 231
RGB Percent	66%, 90%, 91%
CMY	0.3371, 0.0980, 0.0941
CMYK	0.27, 0.00, 0.00, 0.09
HSL	181°, 56%, 78%
HSV	181°, 27%, 91%
XYZ	59.0885, 70.7982, 86.1591
YIQ	211.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

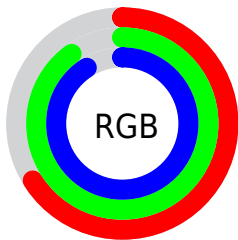
Format	Color
R _Y B	169, 200, 231
Decimal	11134695
CIE Lab	87.39, -18.90, -6.73
CIE LCh	87, 20.062, 199.615
Yxy	70.7982, 0.2735, 0.3277
Android (android.graphics.Color)	4289324775 (0xFFA9E6E7)
YUV	211.8750, 9.4286, -37.6014
Hunter-Lab	84.1417, -21.8962, -1.8124

Details

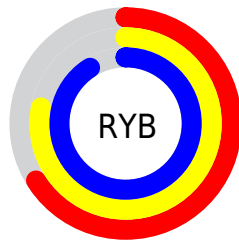
The Yxy color **70.7982, 0.2735, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6229, 0.3703, 0.3303**, and the grayscale version is **65.7114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **37.0121, 0.2648, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **68.2573, 0.2610, 0.3272**, and if you desaturate by 10%, it is **73.7967, 0.2873, 0.3282**.

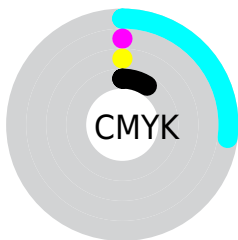
Distribution



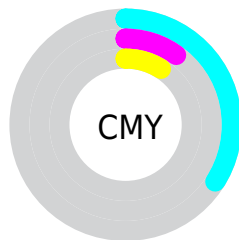
- Red (66%)
- Green (90%)
- Blue (91%)



- Red (66%)
- Yellow (78%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)





- Cyan (34%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7982, 0.2735, 0.3277 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 70.7982, 0.2735, 0.3277 by changing the saturation by 10% instead.

 70.7982, 0.2735,
0.3277

 70.7982, 0.2735,
0.3277


463.3477, 0.2915,
0.3286

 52.1775, 0.2694,
0.3274


 120.3463, 0.2797,
0.3281

 37.1466, 0.2644,
0.3271


152.0426, 0.2822,
0.3282

 25.3210, 0.2580,
0.3266


188.8662, 0.2843,
0.3283

 16.3164, 0.2497,
0.3258

231.2015, 0.2861,
0.3284

 9.7483, 0.2386,
0.3246

279.4329, 0.2877,
0.3284

 5.2324, 0.2227,
0.3225

333.9448, 0.2891,

 2.3843, 0.1984,

0.3285

395.1216, 0.2904,
0.3285

0.3184

0.8178, 0.1238,
0.3205

0.0000, 0.0000,
0.0000

70.7982, 0.2735,
0.3277

70.7982, 0.2735,
0.3277

68.2573, 0.2610,
0.3272

73.7967, 0.2873,
0.3282

66.1416, 0.2501,
0.3266


77.2662, 0.3021,
0.3287


64.4280, 0.2411,
0.3261

81.2302, 0.3177,
0.3291

63.0880, 0.2339,
0.3255

84.4666, 0.3292,
0.3295


 62.0888, 0.2287,
0.3249

 84.6788, 0.3292,
0.3299


 61.3924, 0.2253,
0.3244


 84.8914, 0.3291,
0.3303

 60.9500, 0.2236,
0.3239

 85.1045, 0.3291,
0.3307

 60.8371, 0.2233,
0.3237

 85.3180, 0.3291,
0.3310

 85.5320, 0.3290,
0.3314

Harmonies

Analogous

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



70.7982, 0.2908, 0.3504



70.7982, 0.2735, 0.3277



70.7982, 0.2665, 0.3064

Triad

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



70.7982, 0.2735, 0.3277



70.7982, 0.3096, 0.2944



70.7982, 0.3555, 0.3650

Complementary

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



70.7982, 0.2735, 0.3277



48.6229, 0.3703, 0.3303

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.



70.7982, 0.3612, 0.3486



70.7982, 0.2735, 0.3277



70.7982, 0.3342, 0.3087

Square

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



70.7982, 0.2735, 0.3277



70.7982, 0.2867, 0.2884



70.7982, 0.3534, 0.3282



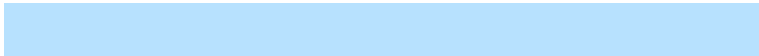
70.7982, 0.3381, 0.3723

Rectangle

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



70.7982, 0.2735, 0.3277



70.7982, 0.2684, 0.2961



70.7982, 0.3534, 0.3282



70.7982, 0.3589, 0.3603

Sweetspot

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



70.8011, 0.2735, 0.3277



96.1216, 0.3003, 0.3286



68.4621, 0.3091, 0.4061



20.4275, 0.2980, 0.3286



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.



70.8011, 0.2735, 0.3277



86.8220, 0.2667, 0.3274



55.5272, 0.2700, 0.2913



16.2938, 0.2982, 0.3286



34.1219, 0.2233, 0.3238



2.5345, 0.2235, 0.3246

Inverse Universe

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



51.0917, 0.3167, 0.2633



58.4352, 0.3175, 0.2504



61.1750, 0.3616, 0.3639



14.6110, 0.3140, 0.3062



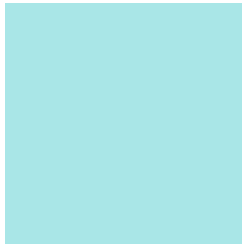
12.6423, 0.3250, 0.1564



0.9355, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 70.7982, 0.2735, 0.3277 looks on a white background.

Color Contrast Check

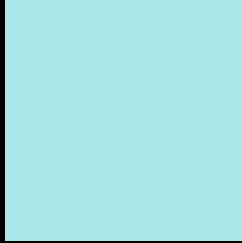
Large Text (above 18pt) WCAG AA × Fail

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 70.7982, 0.2735, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

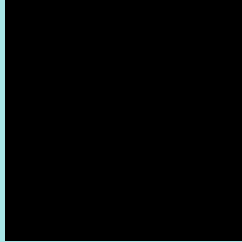
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7982, 0.2735, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 70.7982, 0.2735, 0.3277.

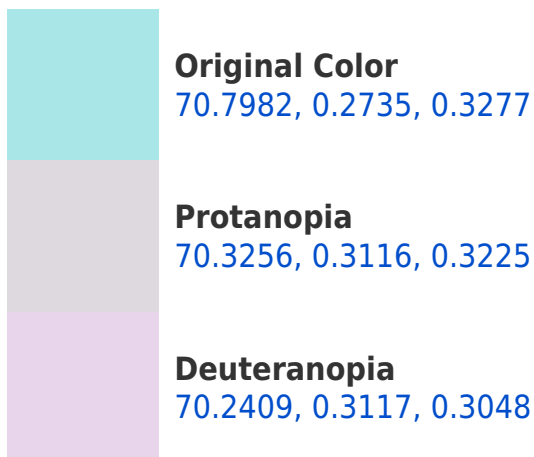


This preview shows how white text looks on a background with the Yxy color 70.7982, 0.2735, 0.3277.

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

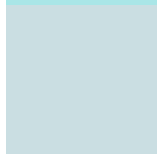
70.9113, 0.2670, 0.3084

Trichromacy



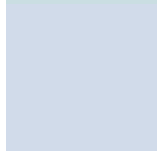
Original Color

70.7982, 0.2735, 0.3277



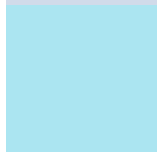
Protanomaly

70.2901, 0.2964, 0.3245



Deuteranomaly

70.1589, 0.2961, 0.3125



Tritanomaly

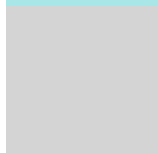
71.0474, 0.2692, 0.3151

Monochromacy



Original Color

70.7982, 0.2735, 0.3277



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.5133, 0.2966, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7982, 0.2735, 0.3277 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(169, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(169, 230, 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(169, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 230, 231) }
```

Border

The CSS property to change the border of an element to Yxy 70.7982, 0.2735, 0.3277 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(169, 230, 231) }
```

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

```
.border{ border-color:rgb(169, 230, 231) }
```

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

Here you see how a box with a 4 pixel rgb(169, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(169, 230,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7982, 0.2735, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 230, 231) }
```

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

```
.background{ background-color: rgb(169,  
230, 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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