

Converting Colors

$Yxy(69.3989, 0.2725, 0.3252)$

Have a look what the booklet for
Yxy(69.3989, 0.2725, 0.3252)
contains.

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Color

Yxy(69.5812, 0.2727, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	A8E4E7
RGB	168, 228, 231
RGB Percent	66%, 89%, 91%
CMY	0.3412, 0.1059, 0.0942
CMYK	0.27, 0.01, 0.00, 0.09
HSL	183°, 57%, 78%
HSV	183°, 27%, 91%
XYZ	58.3122, 69.5812, 85.9394
YIQ	210.4020, -36.7230, -11.7870

Conversions

Conversions Part 2

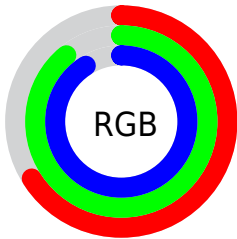
Format	Color
RYB	168, 199, 231
Decimal	11068647
CIELab	86.79, -18.21, -7.60
CIELCh	87, 19.731, 202.669
Yxy	69.5812, 0.2727, 0.3254
Android (android.graphics.Color)	4289258727 (0xFFA8E4E7)
YUV	210.4020, 10.1548, -37.1866
Hunter-Lab	83.4153, -21.1949, -2.6933

Details

The Yxy color **69.5812, 0.2727, 0.3254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9256, 0.3710, 0.3326**, and the grayscale version is **64.6773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **36.1776, 0.2637, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **66.6730, 0.2601, 0.3239**, and if you desaturate by 10%, it is **72.9491, 0.2866, 0.3268**.

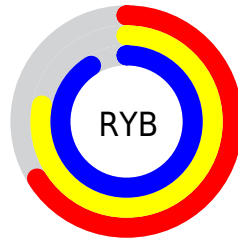
Distribution



Red (66%)

Green (89%)

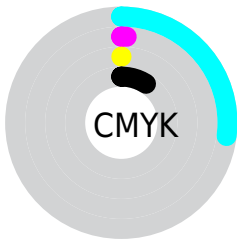
Blue (91%)



Red (66%)

Yellow (78%)

Blue (91%)

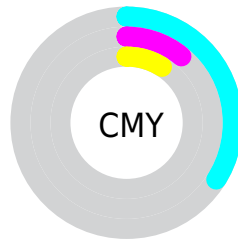


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (9%)



Cyan (34%)

Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5812, 0.2727, 0.3254 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 69.5812, 0.2727, 0.3254 by changing the saturation by 10% instead.


 69.5812, 0.2727,
0.3254

 69.5812, 0.2727,
0.3254


459.0782, 0.2911,
0.3274

 51.1852, 0.2685,
0.3249


 118.6113, 0.2791,
0.3261

 36.3560, 0.2633,
0.3242


150.0142, 0.2816,
0.3264

 24.7093, 0.2568,
0.3233


186.5215, 0.2837,
0.3266

 15.8606, 0.2483,
0.3220

228.5177, 0.2856,
0.3268

 9.4256, 0.2368,
0.3200

276.3870, 0.2872,
0.3270

 5.0198, 0.2204,
0.3167

330.5139, 0.2887,

 2.2589, 0.1953,

0.3271

391.2828, 0.2900,
0.3273

0.3107

0.7518, 0.1113,
0.3099

0.0000, 0.0000,
0.0000

69.5812, 0.2727,
0.3254

69.5812, 0.2727,
0.3254

66.6730, 0.2601,
0.3239

72.9491, 0.2866,
0.3268

64.1921, 0.2489,
0.3224

76.7902, 0.3015,
0.3281

62.1153, 0.2396,
0.3208

81.1281, 0.3170,
0.3293

60.4139, 0.2321,
0.3192

84.9455, 0.3291,
0.3304

■ 59.0550, 0.2266,
0.3176

■ 85.5615, 0.3290,
0.3315

■ 58.0002, 0.2230,
0.3160

■ 86.1814, 0.3289,
0.3326

■ 57.1990, 0.2210,
0.3145

■ 86.8050, 0.3288,
0.3336

■ 57.0018, 0.2206,
0.3140

■ 87.4325, 0.3287,
0.3347

■ 88.0638, 0.3286,
0.3358

Harmonies

Analogous

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



69.5812, 0.2889, 0.3481



69.5812, 0.2727, 0.3254



69.5812, 0.2669, 0.3049

Triad

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



69.5812, 0.2727, 0.3254



69.5812, 0.3122, 0.2959



69.5812, 0.3537, 0.3659

Complementary

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



69.5812, 0.2727, 0.3254



48.9256, 0.3710, 0.3326

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.



69.5812, 0.3607, 0.3504



69.5812, 0.2727, 0.3254



69.5812, 0.3363, 0.3108

Square

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



69.5812, 0.2727, 0.3254



69.5812, 0.2891, 0.2890



69.5812, 0.3543, 0.3303



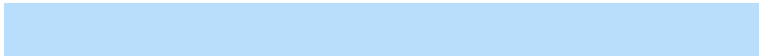
69.5812, 0.3356, 0.3719

Rectangle

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



69.5812, 0.2727, 0.3254



69.5812, 0.2696, 0.2952



69.5812, 0.3543, 0.3303



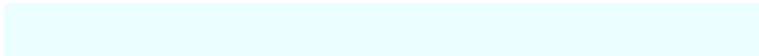
69.5812, 0.3575, 0.3615

Sweetspot

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



69.5840, 0.2727, 0.3254



95.7222, 0.3003, 0.3280



68.3691, 0.3078, 0.4048



20.3260, 0.2980, 0.3278



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.



69.5840, 0.2727, 0.3254



84.8767, 0.2651, 0.3245



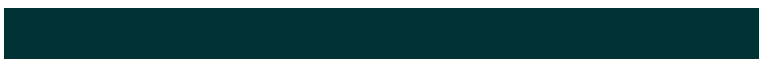
54.2021, 0.2690, 0.2880



16.2138, 0.2982, 0.3278



32.0167, 0.2206, 0.3143



2.4020, 0.2213, 0.3165

Inverse Universe

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



50.5918, 0.3183, 0.2642



57.2964, 0.3196, 0.2502



61.8595, 0.3619, 0.3668



14.6029, 0.3145, 0.3069



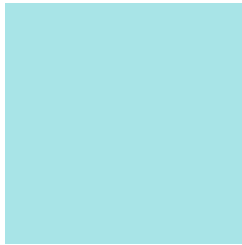
12.4298, 0.3330, 0.1608



0.9222, 0.3311, 0.1598

Previews

White Background



This preview shows how the Yxy color 69.5812, 0.2727, 0.3254 looks on a white background.

Color Contrast Check

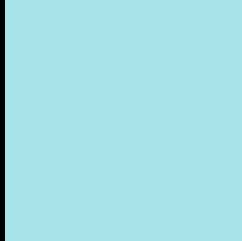
Large Text (above 18pt) WCAG AA × Fail

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 69.5812, 0.2727, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

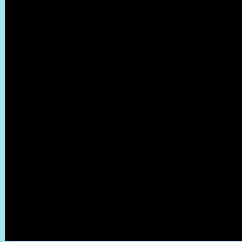
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5812, 0.2727, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 69.5812, 0.2727, 0.3254.

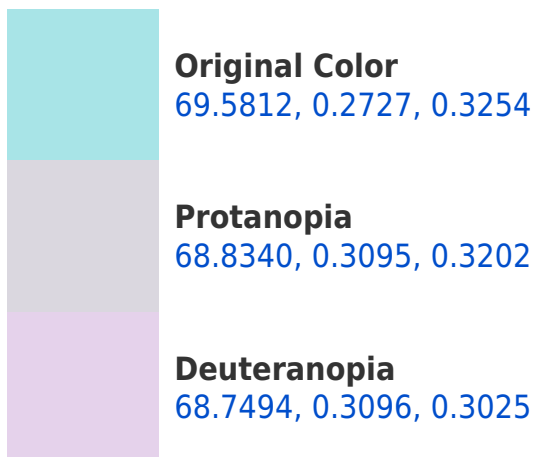


This preview shows how white text looks on a background with the Yxy color 69.5812, 0.2727, 0.3254.

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

69.5823, 0.2672, 0.3082

Trichromacy



Original Color

69.5812, 0.2727, 0.3254

Protanomaly

68.9567, 0.2950, 0.3222

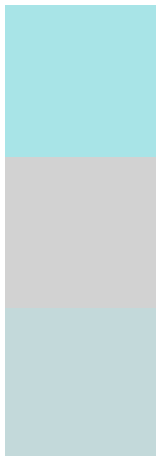
Deuteranomaly

68.8316, 0.2947, 0.3102

Tritanomaly

69.7162, 0.2694, 0.3150

Monochromacy



Original Color

69.5812, 0.2727, 0.3254

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.2898, 0.2966, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5812, 0.2727, 0.3254 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(168, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(168, 228, 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(168, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 228, 231) }
```

Border

The CSS property to change the border of an element to Yxy 69.5812, 0.2727, 0.3254 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(168, 228, 231) }
```

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

```
.border{ border-color:rgb(168, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(168, 228,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5812, 0.2727, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 228, 231) }
```

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

```
.background{ background-color: rgb(168,  
228, 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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