

Converting Colors

$Yxy(68.2153, 0.2667, 0.3074)$

Have a look what the booklet for
Yxy(68.2153, 0.2667, 0.3074)
contains.

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Color

Yxy(68.2174, 0.2663, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	A9E0F3
RGB	169, 224, 243
RGB Percent	66%, 88%, 95%
CMY	0.3374, 0.1215, 0.0469
CMYK	0.30, 0.08, 0.00, 0.05
HSL	195°, 76%, 81%
HSV	195°, 30%, 95%
XYZ	59.1929, 68.2174, 94.8686
YIQ	209.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

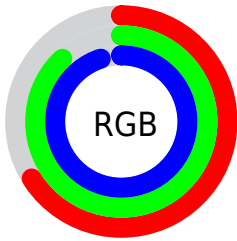
Format	Color
R _Y B	169, 201, 243
Decimal	11133171
CIE Lab	86.12, -13.16, -14.96
CIE LCh	86, 19.929, 228.656
Yxy	68.2174, 0.2663, 0.3069
Android (android.graphics.Color)	4289323251 (0xFFA9E0F3)
YUV	209.7210, 16.4065, -35.7123
Hunter-Lab	82.5938, -16.6128, -10.2858

Details

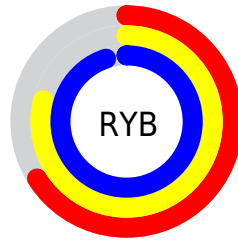
The Yxy color **68.2174, 0.2663, 0.3069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8852, 0.3755, 0.3499**, and the grayscale version is **64.1636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **35.5412, 0.2552, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **62.4837, 0.2522, 0.2984**, and if you desaturate by 10%, it is **74.5793, 0.2812, 0.3148**.

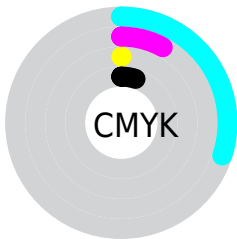
Distribution



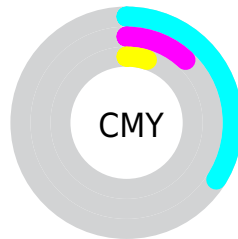
- Red (66%)
- Green (88%)
- Blue (95%)



- Red (66%)
- Yellow (79%)
- Blue (95%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2174, 0.2663, 0.3069 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 68.2174, 0.2663, 0.3069 by changing the saturation by 10% instead.

68.2174, 0.2663,
0.3069

68.2174, 0.2663,
0.3069

454.2659, 0.2877,
0.3176

50.0746, 0.2615,
0.3044

116.6631, 0.2737,
0.3107

35.4727, 0.2555,
0.3012

147.7348, 0.2766,
0.3121

24.0272, 0.2480,
0.2971

183.8849, 0.2790,
0.3134

15.3538, 0.2383,
0.2916

225.4979, 0.2812,
0.3144

9.0681, 0.2252,
0.2840

272.9581, 0.2831,
0.3154

4.7856, 0.2067,
0.2726

326.6499, 0.2848,

2.1220, 0.1789,

0.3162

0.2541

386.9577, 0.2863,
0.3169

0.6770, 0.1061,
0.2230

0.0000, 0.0000,
0.0000

68.2174, 0.2663,
0.3069

68.2174, 0.2663,
0.3069

62.4837, 0.2522,
0.2984

74.5793, 0.2812,
0.3148

57.3410, 0.2392,
0.2894

81.5880, 0.2965,
0.3221

52.7602, 0.2277,
0.2800

89.2714, 0.3120,
0.3287

48.7060, 0.2180,
0.2704

95.4718, 0.3201,
0.3348

■ 45.1381, 0.2102,
0.2607

■ 99.2532, 0.3197,
0.3405

■ 42.0087, 0.2045,
0.2510

■ 39.3628, 0.2006,
0.2419

Harmonies

Analogous

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



68.2174, 0.2737, 0.3284



68.2174, 0.2663, 0.3069



68.2174, 0.2707, 0.2925

Triad

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



68.2174, 0.2663, 0.3069



68.2174, 0.3336, 0.3081



68.2174, 0.3389, 0.3725

Complementary

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



68.2174, 0.2663, 0.3069



57.8852, 0.3755, 0.3499

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.



68.2174, 0.3561, 0.3648



68.2174, 0.2663, 0.3069



68.2174, 0.3531, 0.3276

Square

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



68.2174, 0.2663, 0.3069



68.2174, 0.3088, 0.2939



68.2174, 0.3615, 0.3481



68.2174, 0.3151, 0.3678

Rectangle

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



68.2174, 0.2663, 0.3069



68.2174, 0.2798, 0.2884



68.2174, 0.3615, 0.3481



68.2174, 0.3457, 0.3712

Sweetspot

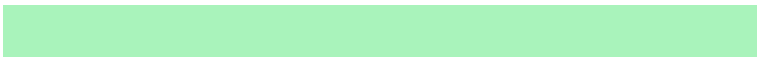
The Sweet Spot groups the original color and five complimentary colors.



68.2201, 0.2663, 0.3069



92.2006, 0.2988, 0.3231



76.1617, 0.2983, 0.3955



19.4773, 0.2965, 0.3221



0.0000, 0.0000, 0.0000



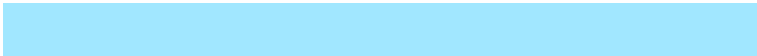
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2201, 0.2663, 0.3069



71.7814, 0.2569, 0.3013



50.6484, 0.2612, 0.2624



17.9950, 0.2980, 0.3228



21.8251, 0.2010, 0.2435



2.0828, 0.2043, 0.2555

Inverse Universe

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



52.8047, 0.3318, 0.2712



52.3839, 0.3371, 0.2585



75.5138, 0.3641, 0.3877



16.6913, 0.3177, 0.3116



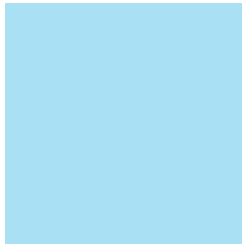
12.3026, 0.3988, 0.1970



1.0979, 0.3868, 0.1905

Previews

White Background



This preview shows how the Yxy color 68.2174, 0.2663, 0.3069 looks on a white background.

Color Contrast Check

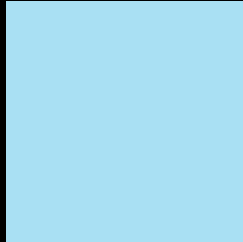
Large Text (above 18pt) WCAG AA × Fail

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 68.2174, 0.2663, 0.3069 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 68.2174, 0.2663, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 68.2174, 0.2663, 0.3069.

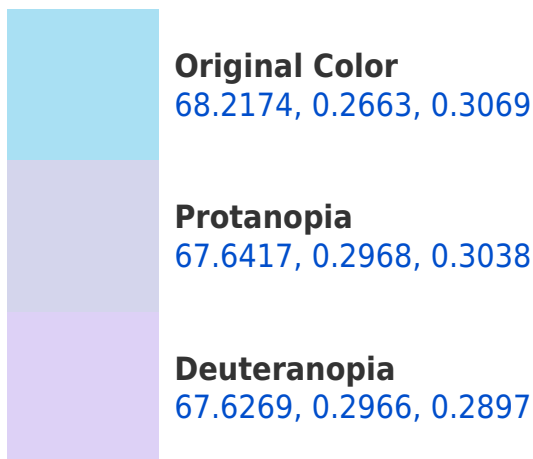


This preview shows how white text looks on a background with the Yxy color 68.2174, 0.2663, 0.3069.

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

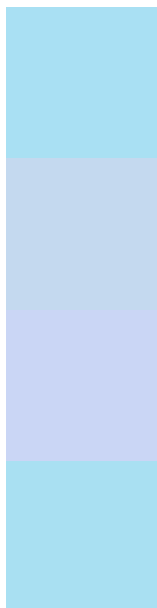




Tritanopia

68.1571, 0.2669, 0.3081

Trichromacy



Original Color

68.2174, 0.2663, 0.3069

Protanomaly

67.5935, 0.2843, 0.3043

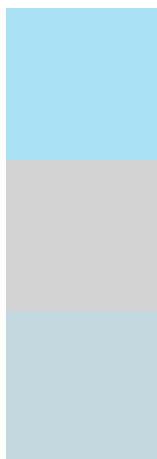
Deuteranomaly

67.2423, 0.2845, 0.2948

Tritanomaly

68.1571, 0.2669, 0.3081

Monochromacy



Original Color

68.2174, 0.2663, 0.3069

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4769, 0.2940, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2174, 0.2663, 0.3069 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, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(169, 224, 243)  
}
```

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, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 224, 243) }
```

Border

The CSS property to change the border of an element to Yxy 68.2174, 0.2663, 0.3069 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, 224, 243) }
```

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

```
.border{ border-color:rgb(169, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(169, 224,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2174, 0.2663, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 224, 243) }
```

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

```
.background{ background-color: rgb(169,  
224, 243) }
```

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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