

Converting Colors

$Yxy(69.0625, 0.2613, 0.3036)$

Have a look what the booklet for
Yxy(69.0625, 0.2613, 0.3036)
contains.

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Color

Yxy(69.0625, 0.2613, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	A4E2F8
RGB	164, 226, 248
RGB Percent	64%, 89%, 97%
CMY	0.3570, 0.1137, 0.0276
CMYK	0.34, 0.09, 0.00, 0.03
HSL	196°, 86%, 81%
HSV	196°, 34%, 97%
XYZ	59.4402, 69.0625, 98.9759
YIQ	209.9700, -44.0140, -6.3020

Conversions

Conversions Part 2

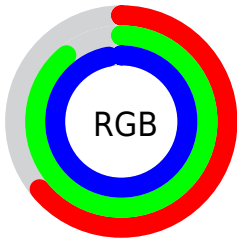
Format	Color
RYB	164, 200, 248
Decimal	10806008
CIELab	86.53, -14.38, -16.96
CIElCh	87, 22.233, 229.696
Yxy	69.0625, 0.2613, 0.3036
Android (android.graphics.Color)	4288996088 (0xFFA4E2F8)
YUV	209.9700, 18.7488, -40.3157
Hunter-Lab	83.1039, -17.7593, -12.4412

Details

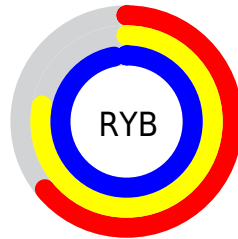
The Yxy color **69.0625, 0.2613, 0.3036** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7152, 0.3848, 0.3528**, and the grayscale version is **64.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **36.1828, 0.2494, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **63.2213, 0.2475, 0.2947**, and if you desaturate by 10%, it is **75.5567, 0.2760, 0.3119**.

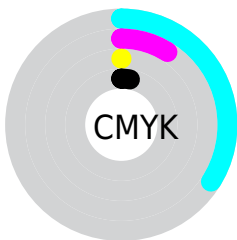
Distribution



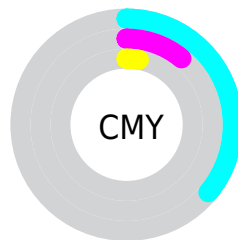
- Red (64%)
- Green (89%)
- Blue (97%)



- Red (64%)
- Yellow (78%)
- Blue (97%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)




- Cyan (36%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0625, 0.2613, 0.3036 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 69.0625, 0.2613, 0.3036 by changing the saturation by 10% instead.


 69.0625, 0.2613,
0.3036


 69.0625, 0.2613,
0.3036

457.2514, 0.2849,
0.3158

 50.7626, 0.2560,
0.3007

 117.8708, 0.2694,
0.3079

 36.0197, 0.2495,
0.2971


 149.1481, 0.2726,
0.3096

 24.4494, 0.2413,
0.2924


185.5199, 0.2753,
0.3110

 15.6673, 0.2308,
0.2862

227.3707, 0.2777,
0.3122

 9.2891, 0.2167,
0.2776

275.0848, 0.2798,
0.3133

 4.9302, 0.1970,
0.2648

329.0467, 0.2817,

 2.2064, 0.1679,

0.3142

0.2444

389.6408, 0.2834,
0.3151

0.7235, 0.0982,
0.2112

0.0000, 0.0000,
0.0000

69.0625, 0.2613,
0.3036

69.0625, 0.2613,
0.3036

63.2213, 0.2475,
0.2947

75.5567, 0.2760,
0.3119

57.9933, 0.2349,
0.2854

82.7246, 0.2912,
0.3195

53.3468, 0.2239,
0.2757

90.5961, 0.3067,
0.3265

49.2429, 0.2148,
0.2659

97.6163, 0.3170,
0.3328

■ 45.6370, 0.2076,
0.2560

■ 99.5552, 0.3168,
0.3357

■ 42.4746, 0.2025,
0.2462

■ 40.7085, 0.2001,
0.2402

Harmonies

Analogous

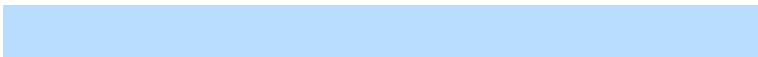
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0625, 0.2690, 0.3273



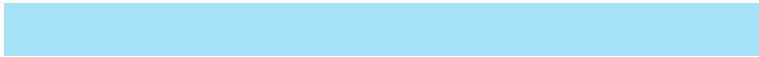
69.0625, 0.2613, 0.3036



69.0625, 0.2666, 0.2882

Triad

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



69.0625, 0.2613, 0.3036



69.0625, 0.3367, 0.3065



69.0625, 0.3409, 0.3775

Complementary

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



69.0625, 0.2613, 0.3036



57.7152, 0.3848, 0.3528

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.



69.0625, 0.3604, 0.3691



69.0625, 0.2613, 0.3036



69.0625, 0.3583, 0.3281

Square

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



69.0625, 0.2613, 0.3036



69.0625, 0.3093, 0.2906



69.0625, 0.3670, 0.3508



69.0625, 0.3143, 0.3718

Rectangle

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



69.0625, 0.2613, 0.3036



69.0625, 0.2769, 0.2840



69.0625, 0.3670, 0.3508



69.0625, 0.3485, 0.3761

Sweetspot

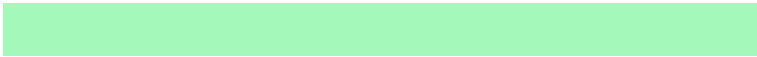
The Sweet Spot groups the original color and five complimentary colors.



69.0652, 0.2613, 0.3036



91.3017, 0.2972, 0.3223



78.5051, 0.2968, 0.4044



19.2939, 0.2950, 0.3213



0.0000, 0.0000, 0.0000



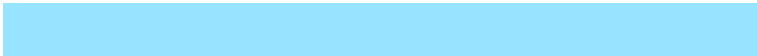
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0652, 0.2613, 0.3036



69.0555, 0.2513, 0.2973



49.3502, 0.2548, 0.2536



18.7958, 0.2980, 0.3227



22.2376, 0.2005, 0.2418



2.2316, 0.2037, 0.2534

Inverse Universe

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



51.9828, 0.3348, 0.2649



48.8000, 0.3410, 0.2515



77.5501, 0.3705, 0.3944



17.4425, 0.3178, 0.3116



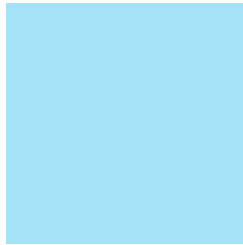
12.6558, 0.4005, 0.1980



1.1895, 0.3888, 0.1916

Previews

White Background



This preview shows how the Yxy color 69.0625, 0.2613, 0.3036 looks on a white background.

Color Contrast Check

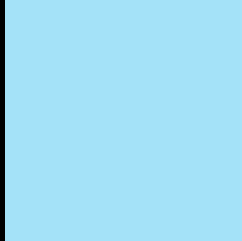
Large Text (above 18pt) WCAG AA × Fail

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 69.0625, 0.2613, 0.3036 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 69.0625, 0.2613, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 69.0625, 0.2613, 0.3036.

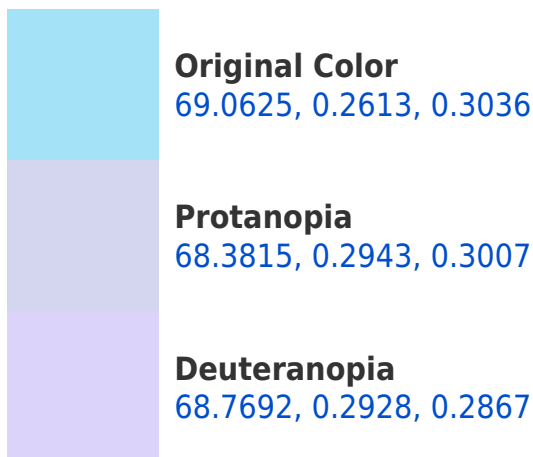


This preview shows how white text looks on a background with the Yxy color 69.0625, 0.2613, 0.3036.

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

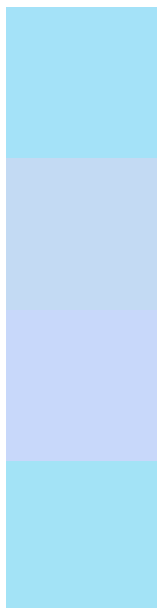




Tritanopia

69.3173, 0.2624, 0.3080

Trichromacy



Original Color

69.0625, 0.2613, 0.3036

Protanomaly

68.2160, 0.2814, 0.3011

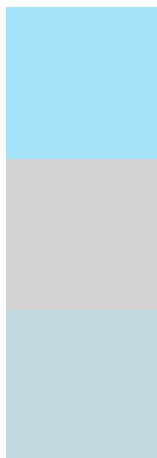
Deuteranomaly

68.2932, 0.2804, 0.2917

Tritanomaly

69.3785, 0.2619, 0.3069

Monochromacy



Original Color

69.0625, 0.2613, 0.3036

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.8310, 0.2914, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0625, 0.2613, 0.3036 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(164, 226, 248)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 248)  
}
```

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(164, 226, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 248) }
```

Border

The CSS property to change the border of an element to Yxy 69.0625, 0.2613, 0.3036 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(164, 226, 248) }
```

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

```
.border{ border-color:rgb(164, 226, 248) }
```

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

Here you see how a box with a 4 pixel rgb(164, 226, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 248);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0625, 0.2613, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 248) }
```

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

```
.background{ background-color: rgb(164,  
226, 248) }
```

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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