

Converting Colors

Yxy(67.8512, 0.2649, 0.3035)

Have a look what the booklet for
Yxy(67.8512, 0.2649, 0.3035)
contains.

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Color

Yxy(67.8029, 0.2652, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	A9DFF5
RGB	169, 223, 245
RGB Percent	66%, 87%, 96%
CMY	0.3369, 0.1256, 0.0392
CMYK	0.31, 0.09, 0.00, 0.04
HSL	197°, 79%, 81%
HSV	197°, 31%, 96%
XYZ	59.2466, 67.8029, 96.3538
YIQ	209.3620, -39.2460, -4.6060

Conversions

Conversions Part 2

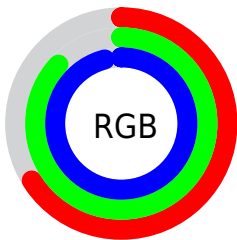
Format	Color
RYB	169, 201, 245
Decimal	11132917
CIELab	85.91, -12.14, -16.31
CIELCh	86, 20.334, 233.334
Yxy	67.8029, 0.2652, 0.3035
Android (android.graphics.Color)	4289322997 (0xFFA9DFF5)
YUV	209.3620, 17.5695, -35.3975
Hunter-Lab	82.3425, -15.6662, -11.7390

Details

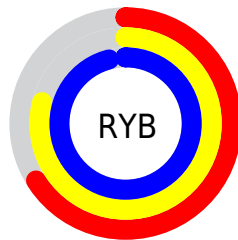
The Yxy color **67.8029, 0.2652, 0.3035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5944, 0.3761, 0.3530**, and the grayscale version is **63.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **35.2568, 0.2537, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **61.6247, 0.2508, 0.2938**, and if you desaturate by 10%, it is **74.6538, 0.2803, 0.3125**.

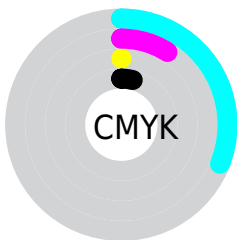
Distribution



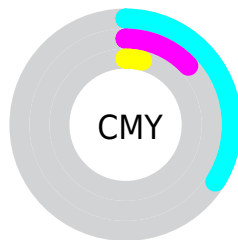
- Red (66%)
- Green (87%)
- Blue (96%)



- Red (66%)
- Yellow (79%)
- Blue (96%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8029, 0.2652, 0.3035 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 67.8029, 0.2652, 0.3035 by changing the saturation by 10% instead.

■ 67.8029, 0.2652,
0.3035

■ 67.8029, 0.2652,
0.3035

452.7974, 0.2871,
0.3157

■ 49.7374, 0.2602,
0.3006

■ 116.0701, 0.2728,
0.3078

■ 35.2048, 0.2541,
0.2970

147.0407, 0.2757,
0.3095

■ 23.8207, 0.2465,
0.2923

183.0816, 0.2783,
0.3109

■ 15.2006, 0.2365,
0.2861

224.5775, 0.2805,
0.3121

■ 8.9603, 0.2231,
0.2775

271.9126, 0.2824,
0.3132

■ 4.7153, 0.2043,
0.2648

325.4713, 0.2842,

■ 2.0812, 0.1760,

0.3142

0.2443

385.6381, 0.2857,
0.3150

0.6540, 0.1038,
0.2088

0.0000, 0.0000,
0.0000

67.8029, 0.2652,
0.3035

67.8029, 0.2652,
0.3035

61.6247, 0.2508,
0.2938

74.6538, 0.2803,
0.3125

56.0806, 0.2375,
0.2835

82.1973, 0.2957,
0.3208

51.1403, 0.2257,
0.2728

90.4623, 0.3112,
0.3283

46.7669, 0.2155,
0.2618

97.1064, 0.3188,
0.3352

■ 42.9182, 0.2073,
0.2507

■ 99.3729, 0.3185,
0.3386

■ 39.5443, 0.2012,
0.2396

■ 36.8380, 0.1972,
0.2298

Harmonies

Analogous

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



67.8029, 0.2709, 0.3247



67.8029, 0.2652, 0.3035



67.8029, 0.2715, 0.2903

Triad

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



67.8029, 0.2652, 0.3035



67.8029, 0.3377, 0.3105



67.8029, 0.3359, 0.3736

Complementary

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



67.8029, 0.2652, 0.3035



59.5944, 0.3761, 0.3530

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.



67.8029, 0.3550, 0.3675



67.8029, 0.2652, 0.3035



67.8029, 0.3563, 0.3308

Square

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



67.8029, 0.2652, 0.3035



67.8029, 0.3127, 0.2949



67.8029, 0.3626, 0.3516



67.8029, 0.3112, 0.3667

Rectangle

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



67.8029, 0.2652, 0.3035



67.8029, 0.2819, 0.2873



67.8029, 0.3626, 0.3516



67.8029, 0.3433, 0.3730

Sweetspot

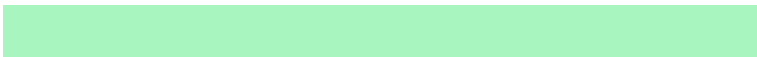
The Sweet Spot groups the original color and five complimentary colors.



67.8056, 0.2652, 0.3035



91.7297, 0.2987, 0.3223



77.4978, 0.2967, 0.3937



19.3609, 0.2965, 0.3212



0.0000, 0.0000, 0.0000



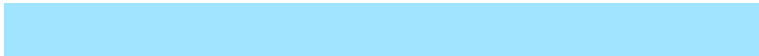
21.4041, 0.3127, 0.3290

Same Dimension

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



67.8056, 0.2652, 0.3035



70.0439, 0.2563, 0.2977



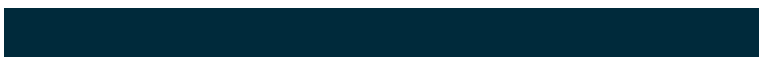
49.9643, 0.2599, 0.2580



17.8981, 0.2980, 0.3220



20.0944, 0.1977, 0.2316



1.9424, 0.2015, 0.2453

Inverse Universe

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



53.1521, 0.3343, 0.2726



52.2085, 0.3399, 0.2614



78.0761, 0.3643, 0.3911



16.6815, 0.3182, 0.3123



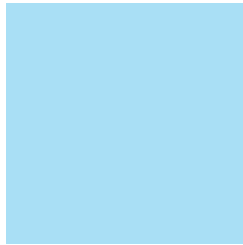
12.1279, 0.4109, 0.2037



1.0837, 0.3970, 0.1960

Previews

White Background



This preview shows how the Yxy color 67.8029, 0.2652, 0.3035 looks on a white background.

Color Contrast Check

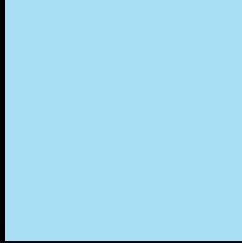
Large Text (above 18pt) WCAG AA × Fail

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 67.8029, 0.2652, 0.3035 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 67.8029, 0.2652, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 67.8029, 0.2652, 0.3035.

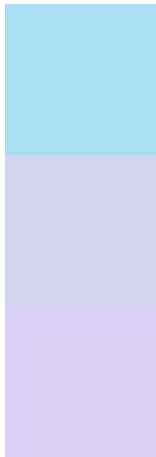


This preview shows how white text looks on a background with the Yxy color 67.8029, 0.2652, 0.3035.

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



Original Color

67.8029, 0.2652, 0.3035

Protanopia

67.6104, 0.2948, 0.3016

Deuteranopia

67.4383, 0.2940, 0.2875



Tritanopia

67.9870, 0.2668, 0.3091

Trichromacy



Original Color

67.8029, 0.2652, 0.3035

Protanomaly

67.7123, 0.2831, 0.3021

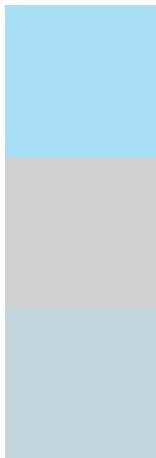
Deuteranomaly

67.2260, 0.2826, 0.2927

Tritanomaly

68.0469, 0.2663, 0.3080

Monochromacy



Original Color

67.8029, 0.2652, 0.3035

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8364, 0.2933, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8029, 0.2652, 0.3035 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, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(169, 223, 245)  
}
```

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, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 223, 245) }
```

Border

The CSS property to change the border of an element to Yxy 67.8029, 0.2652, 0.3035 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, 223, 245) }
```

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

```
.border{ border-color:rgb(169, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(169, 223,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8029, 0.2652, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 223, 245) }
```

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

```
.background{ background-color: rgb(169,  
223, 245) }
```

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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