

Converting Colors

Yxy(68.2409, 0.2682, 0.3060)

Have a look what the booklet for
Yxy(68.2409, 0.2682, 0.3060)
contains.

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Color

Yxy(68.1307, 0.2685, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	ADDF3
RGB	173, 223, 243
RGB Percent	68%, 87%, 95%
CMY	0.3215, 0.1255, 0.0471
CMYK	0.29, 0.08, 0.00, 0.05
HSL	197°, 74%, 82%
HSV	197°, 29%, 95%
XYZ	59.8009, 68.1307, 94.7905
YIQ	210.3300, -36.2200, -4.3800

Conversions

Conversions Part 2

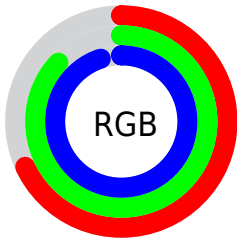
Format	Color
R _Y B	173, 202, 243
Decimal	11395059
CIE Lab	86.07, -11.52, -14.98
CIE LCh	86, 18.902, 232.443
Yxy	68.1307, 0.2685, 0.3059
Android (android.graphics.Color)	4289585139 (0xFFADDFF3)
YUV	210.3300, 16.1063, -32.7384
Hunter-Lab	82.5413, -15.1247, -10.3098

Details

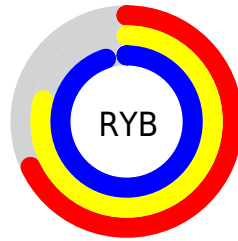
The Yxy color **68.1307, 0.2685, 0.3059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.2184, 0.3705, 0.3509**, and the grayscale version is **64.5903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **35.5151, 0.2584, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **61.9755, 0.2540, 0.2965**, and if you desaturate by 10%, it is **74.9473, 0.2836, 0.3146**.

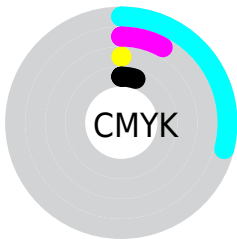
Distribution



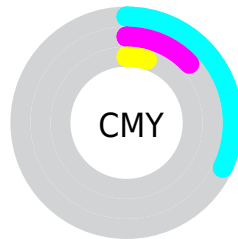
- Red (68%)
- Green (87%)
- Blue (95%)



- Red (68%)
- Yellow (79%)
- Blue (95%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (32%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1307, 0.2685, 0.3059 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 68.1307, 0.2685, 0.3059 by changing the saturation by 10% instead.

■ 68.1307, 0.2685,
0.3059

■ 68.1307, 0.2685,
0.3059

453.9590, 0.2889,
0.3170

■ 50.0041, 0.2639,
0.3033

■ 116.5391, 0.2755,
0.3098

■ 35.4166, 0.2582,
0.3000

147.5897, 0.2783,
0.3113

■ 23.9840, 0.2510,
0.2958

183.7170, 0.2807,
0.3126

■ 15.3217, 0.2417,
0.2902

225.3055, 0.2827,
0.3137

■ 9.0455, 0.2291,
0.2824

272.7395, 0.2845,
0.3147

■ 4.7709, 0.2114,
0.2708

326.4035, 0.2862,

■ 2.1135, 0.1845,

0.3155

0.2520

386.6819, 0.2876,
0.3163

0.6722, 0.1169,
0.2196

0.0000, 0.0000,
0.0000

68.1307, 0.2685,
0.3059

68.1307, 0.2685,
0.3059

61.9755, 0.2540,
0.2965

74.9473, 0.2836,
0.3146

56.4443, 0.2405,
0.2865

82.4442, 0.2991,
0.3226

51.5083, 0.2283,
0.2760

90.6494, 0.3146,
0.3298

47.1321, 0.2178,
0.2652

96.5856, 0.3200,
0.3365

■ 43.2760, 0.2093,
0.2543

■ 99.2510, 0.3197,
0.3405

■ 39.8932, 0.2028,
0.2435

■ 36.9153, 0.1981,
0.2328

■ 36.5743, 0.1976,
0.2315

Harmonies

Analogous

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



68.1307, 0.2742, 0.3257



68.1307, 0.2685, 0.3059



68.1307, 0.2741, 0.2933

Triad

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



68.1307, 0.2685, 0.3059



68.1307, 0.3353, 0.3113



68.1307, 0.3350, 0.3703

Complementary

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



68.1307, 0.2685, 0.3059



60.2184, 0.3705, 0.3509

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.



68.1307, 0.3524, 0.3645



68.1307, 0.2685, 0.3059



68.1307, 0.3527, 0.3302

Square

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



68.1307, 0.2685, 0.3059



68.1307, 0.3120, 0.2969



68.1307, 0.3590, 0.3495



68.1307, 0.3120, 0.3643

Rectangle

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



68.1307, 0.2685, 0.3059



68.1307, 0.2836, 0.2902



68.1307, 0.3590, 0.3495



68.1307, 0.3417, 0.3697

Sweetspot

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



68.1334, 0.2685, 0.3059



91.7912, 0.2987, 0.3224



76.8299, 0.2977, 0.3884



19.3761, 0.2965, 0.3213



0.0000, 0.0000, 0.0000



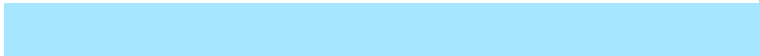
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1334, 0.2685, 0.3059



71.6141, 0.2593, 0.3001



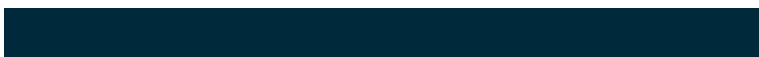
51.4005, 0.2640, 0.2638



17.9108, 0.2980, 0.3221



20.3152, 0.1981, 0.2332



1.9603, 0.2018, 0.2466

Inverse Universe

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



54.2760, 0.3322, 0.2764



54.1266, 0.3377, 0.2647



77.4689, 0.3604, 0.3866



16.6828, 0.3182, 0.3122



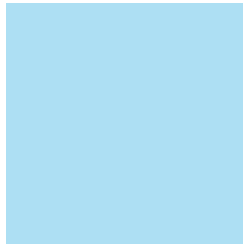
12.1502, 0.4093, 0.2029



1.0855, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 68.1307, 0.2685, 0.3059 looks on a white background.

Color Contrast Check

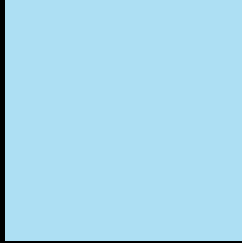
Large Text (above 18pt) WCAG AA × Fail

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 68.1307, 0.2685, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

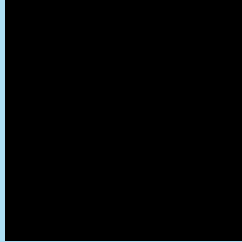
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1307, 0.2685, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 68.1307, 0.2685, 0.3059.

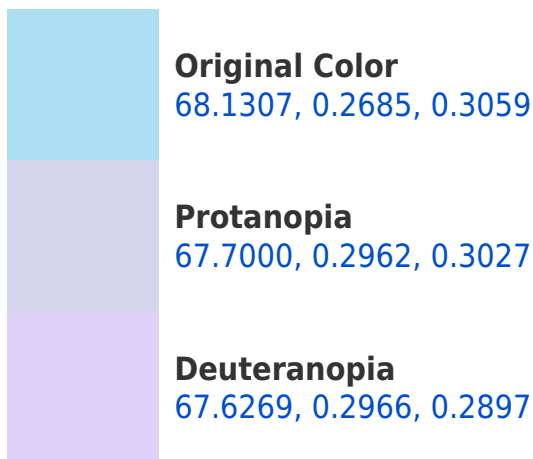


This preview shows how white text looks on a background with the Yxy color 68.1307, 0.2685, 0.3059.

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

68.0105, 0.2696, 0.3081

Trichromacy



Original Color

68.1307, 0.2685, 0.3059

Protanomaly

67.8635, 0.2856, 0.3044

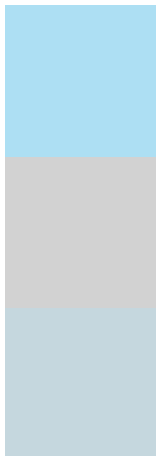
Deuteranomaly

67.5231, 0.2858, 0.2950

Tritanomaly

68.0704, 0.2690, 0.3070

Monochromacy



Original Color

68.1307, 0.2685, 0.3059

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.7451, 0.2954, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1307, 0.2685, 0.3059 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(173, 223, 243)` looks like.

```
.text, #text, p{  
    color:rgb(173, 223, 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(173, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 223, 243) }
```

Border

The CSS property to change the border of an element to Yxy 68.1307, 0.2685, 0.3059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

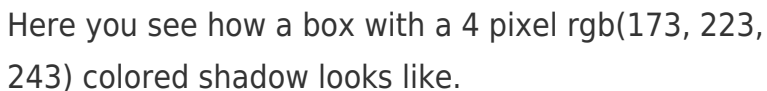
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 223, 243) }
```

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

```
.border{ border-color:rgb(173, 223, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 223, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 223, 243); box-shadow:4px 4px 4px 4px rgb(173, 223, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1307, 0.2685, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 223, 243) }
```

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

```
.background{ background-color: rgb(173,  
223, 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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