

Converting Colors

$Yxy(72.8730, 0.2669, 0.3071)$

Have a look what the booklet for
Yxy(72.8730, 0.2669, 0.3071)
contains.

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Color

Yxy(73.1679, 0.2670, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	AFE7FA
RGB	175, 231, 250
RGB Percent	69%, 91%, 98%
CMY	0.3136, 0.0941, 0.0197
CMYK	0.30, 0.08, 0.00, 0.02
HSL	195°, 88%, 83%
HSV	195°, 30%, 98%
XYZ	63.5105, 73.1679, 101.1886
YIQ	216.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

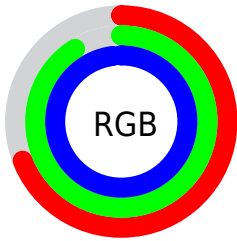
Format	Color
R _Y B	175, 207, 250
Decimal	11528186
CIE Lab	88.53, -13.43, -14.95
CIE LCh	89, 20.096, 228.081
Yxy	73.1679, 0.2670, 0.3076
Android (android.graphics.Color)	4289718266 (0xFFAFE7FA)
YUV	216.4220, 16.5540, -36.3271
Hunter-Lab	85.5382, -17.1591, -10.2612

Details

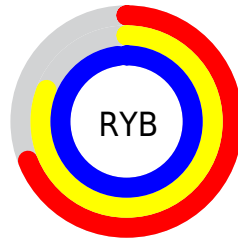
The Yxy color **73.1679, 0.2670, 0.3076** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.9949, 0.3744, 0.3493**, and the grayscale version is **68.8815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **38.5481, 0.2561, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **67.0632, 0.2529, 0.2992**, and if you desaturate by 10%, it is **79.9418, 0.2819, 0.3154**.

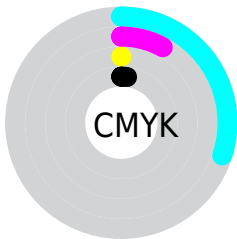
Distribution



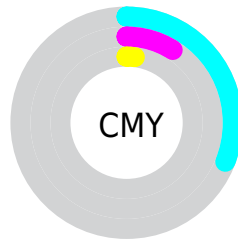
- Red (69%)
- Green (91%)
- Blue (98%)



- Red (69%)
- Yellow (81%)
- Blue (98%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1679, 0.2670, 0.3076 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 73.1679, 0.2670, 0.3076 by changing the saturation by 10% instead.

73.1679, 0.2670,
0.3076

73.1679, 0.2670,
0.3076

471.5965, 0.2878,
0.3178

54.1133, 0.2624,
0.3052

123.7155, 0.2741,
0.3112

38.6922, 0.2567,
0.3022

155.9773, 0.2769,
0.3126

26.5204, 0.2495,
0.2984

193.4103, 0.2793,
0.3138

17.2133, 0.2404,
0.2934

236.3988, 0.2815,
0.3148

10.3867, 0.2281,
0.2864

285.3273, 0.2833,
0.3157

5.6561, 0.2111,
0.2761

340.5802, 0.2850,

2.6371, 0.1860,

0.3165

402.5418, 0.2865,
0.3172

0.2598

0.9454, 0.1400,
0.2324

0.0000, 0.0000,
0.0000

73.1679, 0.2670,
0.3076

73.1679, 0.2670,
0.3076

67.0632, 0.2529,
0.2992

79.9418, 0.2819,
0.3154

61.5880, 0.2399,
0.2904

87.4047, 0.2973,
0.3225

56.7114, 0.2284,
0.2812

95.5863, 0.3127,
0.3290

52.3959, 0.2186,
0.2717

99.6800, 0.3156,
0.3338

■ 48.5986, 0.2108,
0.2621

■ 45.2687, 0.2050,
0.2526

■ 42.3235, 0.2009,
0.2432

■ 42.3173, 0.2009,
0.2432

Harmonies

Analogous

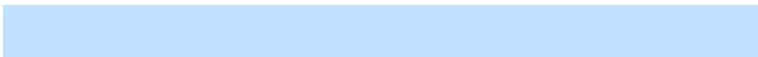
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1679, 0.2745, 0.3289



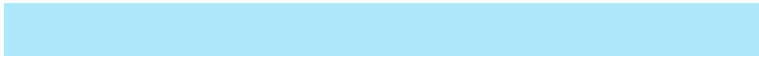
73.1679, 0.2670, 0.3076



73.1679, 0.2711, 0.2933

Triad

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



73.1679, 0.2670, 0.3076



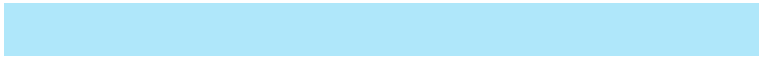
73.1679, 0.3328, 0.3081



73.1679, 0.3389, 0.3718

Complementary

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



73.1679, 0.2670, 0.3076



61.9949, 0.3744, 0.3493

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.



73.1679, 0.3557, 0.3640



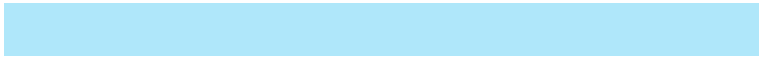
73.1679, 0.2670, 0.3076



73.1679, 0.3523, 0.3272

Square

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



73.1679, 0.2670, 0.3076



73.1679, 0.3084, 0.2942



73.1679, 0.3607, 0.3475



73.1679, 0.3155, 0.3674

Rectangle

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



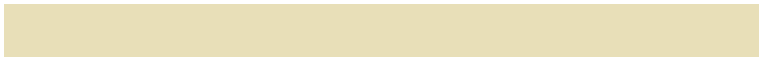
73.1679, 0.2670, 0.3076



73.1679, 0.2800, 0.2891



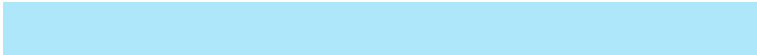
73.1679, 0.3607, 0.3475



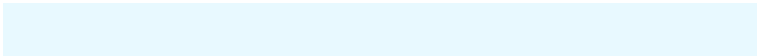
73.1679, 0.3455, 0.3705

Sweetspot

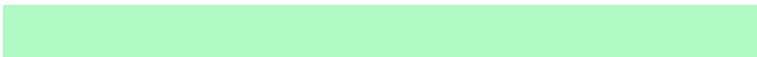
The Sweet Spot groups the original color and five complimentary colors.



73.1708, 0.2670, 0.3076



92.2544, 0.2988, 0.3232



81.3520, 0.2985, 0.3944



19.4907, 0.2965, 0.3222



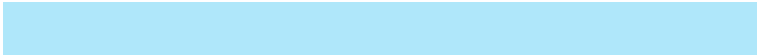
0.0000, 0.0000, 0.0000



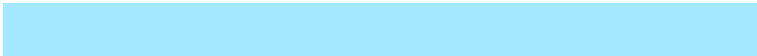
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1708, 0.2670, 0.3076



72.6109, 0.2583, 0.3026



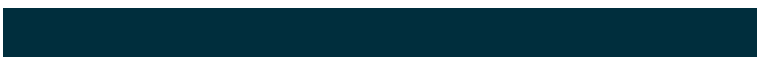
54.4963, 0.2620, 0.2636



18.8211, 0.2980, 0.3229



22.6953, 0.2013, 0.2447



2.2707, 0.2045, 0.2560

Inverse Universe

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



56.7593, 0.3312, 0.2718



53.3385, 0.3360, 0.2601



80.6959, 0.3633, 0.3868



17.4451, 0.3177, 0.3115



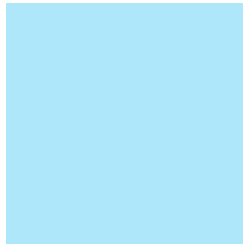
12.7020, 0.3975, 0.1963



1.1935, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 73.1679, 0.2670, 0.3076 looks on a white background.

Color Contrast Check

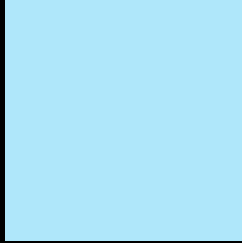
Large Text (above 18pt) WCAG AA × Fail

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 73.1679, 0.2670, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

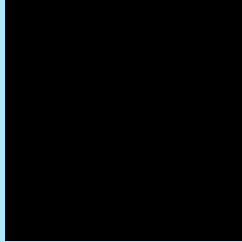
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1679, 0.2670, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 73.1679, 0.2670, 0.3076.

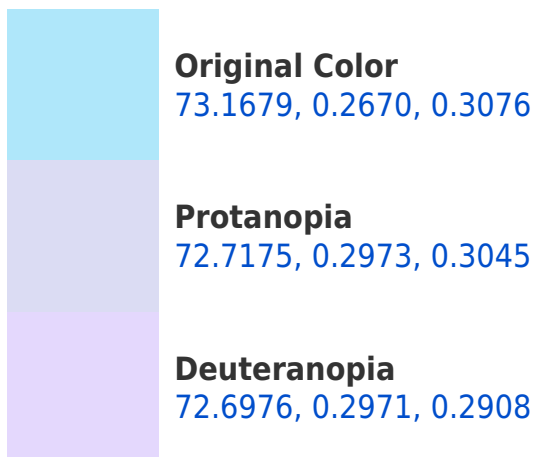


This preview shows how white text looks on a background with the Yxy color 73.1679, 0.2670, 0.3076.

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

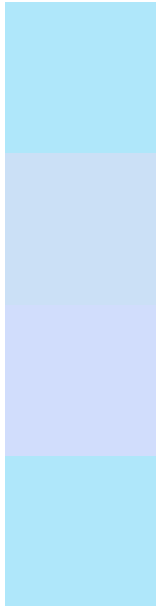




Tritanopia

73.1679, 0.2670, 0.3076

Trichromacy



Original Color

73.1679, 0.2670, 0.3076

Protanomaly

72.6616, 0.2851, 0.3050

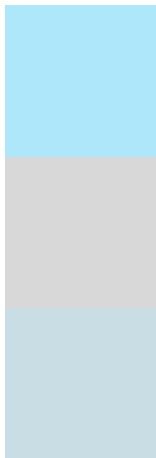
Deuteranomaly

72.2965, 0.2853, 0.2958

Tritanomaly

73.1679, 0.2670, 0.3076

Monochromacy



Original Color

73.1679, 0.2670, 0.3076

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.7318, 0.2945, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1679, 0.2670, 0.3076 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(175, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 231, 250)  
}
```

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(175, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 231, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.1679, 0.2670, 0.3076 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(175, 231, 250) }
```

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

```
.border{ border-color:rgb(175, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 231,  
250) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.1679, 0.2670, 0.3076$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 231, 250) }
```

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

```
.background{ background-color: rgb(175,  
231, 250) }
```

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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