

Converting Colors

$Yxy(73.3628, 0.2603, 0.3147)$

Have a look what the booklet for
Yxy(73.3628, 0.2603, 0.3147)
contains.

| | |
|---|----|
| Yxy(73.5030, 0.2606, 0.3151) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(73.5030, 0.2606, 0.3151)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FEBF7 |
| RGB | 159, 235, 247 |
| RGB Percent | 62%, 92%, 97% |
| CMY | 0.3766, 0.0784, 0.0314 |
| CMYK | 0.36, 0.05, 0.00, 0.03 |
| HSL | 188°, 85%, 80% |
| HSV | 188°, 36%, 97% |
| XYZ | 60.7899, 73.5030, 98.9760 |
| YIQ | 213.6440, -49.1480, -12.3800 |

Conversions

Conversions Part 2

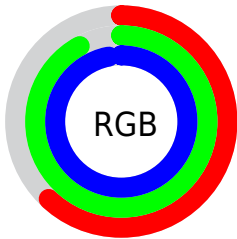
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 159, 200, 247 |
| Decimal | 10480631 |
| CIE _{Lab} | 88.69, -20.45, -13.25 |
| CIE _{LCh} | 89, 24.361, 212.937 |
| Yxy | 73.5030, 0.2606, 0.3151 |
| Android (android.graphics.Color) | 4288670711 (0xFF9FEBF7) |
| YUV | 213.6440, 16.4445, -47.9228 |
| Hunter-Lab | 85.7339, -23.4684, -8.4339 |

Details

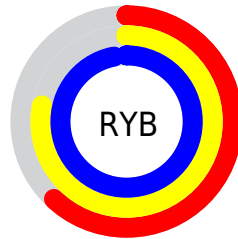
The Yxy color **73.5030, 0.2606, 0.3151** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.3868, 0.3941, 0.3423**, and the grayscale version is **66.9034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **38.8854, 0.2486, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **69.3205, 0.2483, 0.3106**, and if you desaturate by 10%, it is **78.2322, 0.2742, 0.3194**.

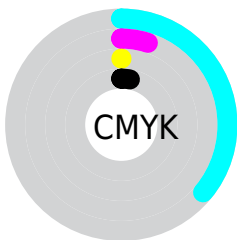
Distribution



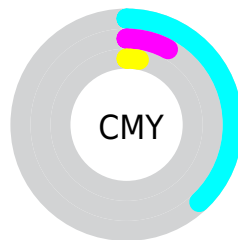
- Red (62%)
- Green (92%)
- Blue (97%)



- Red (62%)
- Yellow (78%)
- Blue (97%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (38%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5030, 0.2606, 0.3151 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 73.5030, 0.2606, 0.3151 by changing the saturation by 10% instead.


 73.5030, 0.2606,
0.3151

 73.5030, 0.2606,
0.3151

472.7563, 0.2842,
0.3220

 54.3874, 0.2553,
0.3134


 124.1910, 0.2687,
0.3176

 38.9114, 0.2489,
0.3113


 156.5322, 0.2719,
0.3185

 26.6908, 0.2408,
0.3085


194.0507, 0.2746,
0.3193

 17.3412, 0.2305,
0.3048

237.1308, 0.2770,
0.3200

 10.4780, 0.2168,
0.2995

286.1571, 0.2791,
0.3206

 5.7170, 0.1978,
0.2914

341.5138, 0.2810,

 2.6738, 0.1700,

0.3211

0.2781

403.5854, 0.2827,
0.3216

0.9639, 0.1108,
0.2574

0.0000, 0.0000,
0.0000

73.5030, 0.2606,
0.3151

73.5030, 0.2606,
0.3151

69.3205, 0.2483,
0.3106

78.2322, 0.2742,
0.3194

65.6455, 0.2376,
0.3059

83.5273, 0.2887,
0.3234

62.4474, 0.2286,
0.3011

89.4171, 0.3040,
0.3271

59.6881, 0.2216,
0.2962

95.3962, 0.3178,
0.3304

■ 57.3233, 0.2166,
0.2913

■ 97.4883, 0.3175,
0.3336

■ 55.2983, 0.2134,
0.2866

■ 99.4952, 0.3173,
0.3367

■ 54.4856, 0.2124,
0.2845

Harmonies

Analogous

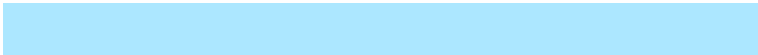
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5030, 0.2760, 0.3429



73.5030, 0.2606, 0.3151



73.5030, 0.2585, 0.2930

Triad

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



73.5030, 0.2606, 0.3151



73.5030, 0.3222, 0.2944



73.5030, 0.3560, 0.3777

Complementary

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



73.5030, 0.2606, 0.3151



51.3868, 0.3941, 0.3423

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.



73.5030, 0.3699, 0.3618



73.5030, 0.2606, 0.3151



73.5030, 0.3500, 0.3146

Square

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



73.5030, 0.2606, 0.3151



73.5030, 0.2929, 0.2826



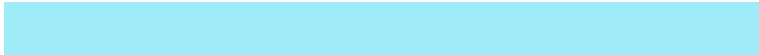
73.5030, 0.3678, 0.3388



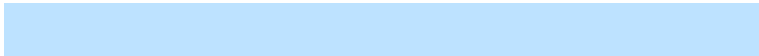
73.5030, 0.3307, 0.3805

Rectangle

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



73.5030, 0.2606, 0.3151



73.5030, 0.2647, 0.2842



73.5030, 0.3678, 0.3388



73.5030, 0.3622, 0.3736

Sweetspot

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



73.5059, 0.2606, 0.3151



92.6497, 0.2957, 0.3251



76.8174, 0.3015, 0.4220



19.6488, 0.2936, 0.3246



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.



73.5059, 0.2606, 0.3151



75.6316, 0.2513, 0.3118



51.4535, 0.2532, 0.2618



18.3503, 0.2981, 0.3257



28.9714, 0.2126, 0.2853



2.6505, 0.2143, 0.2913

Inverse Universe

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



50.5594, 0.3268, 0.2513



47.9132, 0.3304, 0.2357



70.7353, 0.3774, 0.3878



16.7272, 0.3159, 0.3088



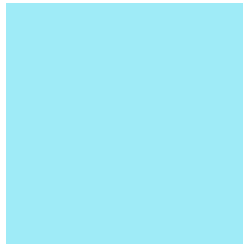
13.0241, 0.3586, 0.1749



1.1552, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 73.5030, 0.2606, 0.3151 looks on a white background.

Color Contrast Check

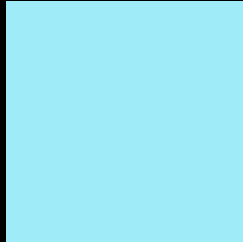
Large Text (above 18pt) WCAG AA × Fail

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 73.5030, 0.2606, 0.3151 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 73.5030, 0.2606, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 73.5030, 0.2606, 0.3151.

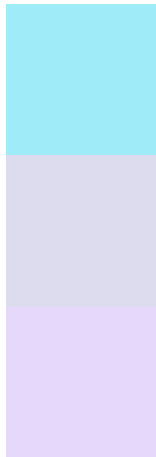


This preview shows how white text looks on a background with the Yxy color 73.5030, 0.2606, 0.3151.

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

73.5030, 0.2606, 0.3151

Protanopia

72.7316, 0.3018, 0.3098

Deuteranopia

72.8998, 0.2997, 0.2929



Tritanopia

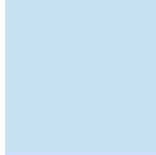
73.4111, 0.2580, 0.3073

Trichromacy



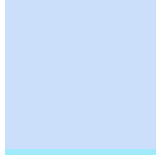
Original Color

73.5030, 0.2606, 0.3151



Protanomaly

72.2071, 0.2849, 0.3113



Deuteranomaly

72.5148, 0.2834, 0.2998



Tritanomaly

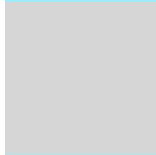
73.2843, 0.2590, 0.3095

Monochromacy



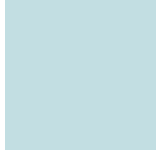
Original Color

73.5030, 0.2606, 0.3151



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.2029, 0.2911, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5030, 0.2606, 0.3151 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(159, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(159, 235, 247)  
}
```

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(159, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 235, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.5030, 0.2606, 0.3151 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(159, 235, 247) }
```

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

```
.border{ border-color:rgb(159, 235, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 235, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(159, 235,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5030, 0.2606, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 235, 247) }
```

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

```
.background{ background-color: rgb(159,  
235, 247) }
```

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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