

Converting Colors

$Yxy(74.0068, 0.2513, 0.2839)$

Have a look what the booklet for
Yxy(74.0068, 0.2513, 0.2839)
contains.

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Color

Yxy(73.0402, 0.2598, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	A6E8FF
RGB	166, 232, 255
RGB Percent	65%, 91%, 100%
CMY	0.3491, 0.0902, 0.0001
CMYK	0.35, 0.09, 0.00, 0.00
HSL	195°, 100%, 83%
HSV	195°, 35%, 100%
XYZ	62.6265, 73.0402, 105.3900
YIQ	214.8880, -46.7190, -6.8390

Conversions

Conversions Part 2

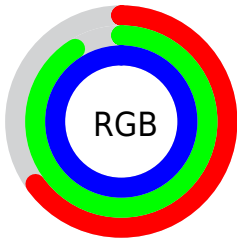
Format	Color
R_{YB}	166, 204, 255
Decimal	10938623
CIE _{Lab}	88.47, -15.20, -17.72
CIE _{LCh}	88, 23.349, 229.380
Yxy	73.0402, 0.2598, 0.3030
Android (android.graphics.Color)	4289128703 (0xFFA6E8FF)
YUV	214.8880, 19.7752, -42.8748
Hunter-Lab	85.4636, -18.7588, -13.2894

Details

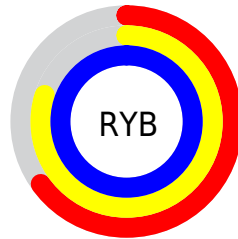
The Yxy color **73.0402, 0.2598, 0.3030** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3845, 0.3879, 0.3533**, and the grayscale version is **67.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **38.4429, 0.2478, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **66.9192, 0.2461, 0.2942**, and if you desaturate by 10%, it is **79.8520, 0.2744, 0.3113**.

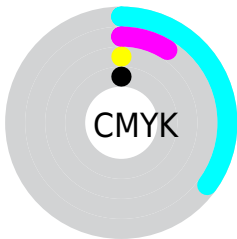
Distribution



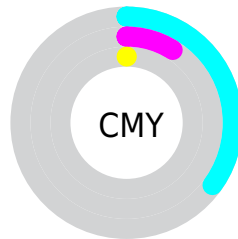
- Red (65%)
- Green (91%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0402, 0.2598, 0.3030 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 73.0402, 0.2598, 0.3030 by changing the saturation by 10% instead.


 73.0402, 0.2598,
0.3030


 73.0402, 0.2598,
0.3030


471.1541, 0.2838,
0.3154

 54.0088, 0.2545,
0.3001


 123.5343, 0.2680,
0.3074

 38.6087, 0.2479,
0.2965


 155.7658, 0.2712,
0.3090

 26.4555, 0.2398,
0.2918


193.1661, 0.2740,
0.3105

 17.1647, 0.2294,
0.2857

236.1197, 0.2765,
0.3117

 10.3520, 0.2156,
0.2773

285.0109, 0.2786,
0.3128

 5.6330, 0.1966,
0.2650

340.2241, 0.2805,

 2.6232, 0.1689,

0.3138

0.2457

402.1437, 0.2822,
0.3146

■ 0.9383, 0.1186,
0.2140

■ 0.0000, 0.0000,
0.0000

■ 73.0402, 0.2598,
0.3030

■ 73.0402, 0.2598,
0.3030

■ 66.9192, 0.2461,
0.2942

■ 79.8520, 0.2744,
0.3113

■ 61.4463, 0.2337,
0.2849

■ 87.3771, 0.2896,
0.3189

■ 56.5871, 0.2230,
0.2753

■ 95.6476, 0.3051,
0.3258

■ 52.2995, 0.2141,
0.2656

99.9989, 0.3127,
0.3290

■ 48.5348, 0.2072,
0.2558

■ 45.2333, 0.2023,
0.2461

■ 43.6868, 0.2004,
0.2413

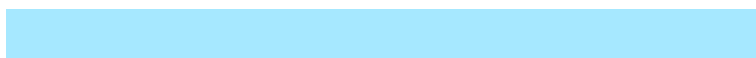
Harmonies

Analogous

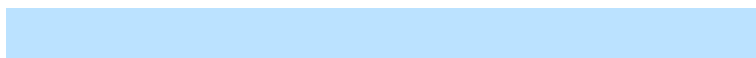
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0402, 0.2678, 0.3275



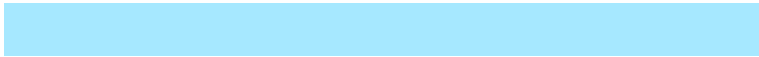
73.0402, 0.2598, 0.3030



73.0402, 0.2651, 0.2870

Triad

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



73.0402, 0.2598, 0.3030



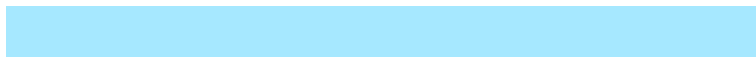
73.0402, 0.3372, 0.3056



73.0402, 0.3420, 0.3790

Complementary

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



73.0402, 0.2598, 0.3030



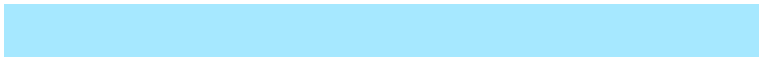
60.3845, 0.3879, 0.3533

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.



73.0402, 0.3620, 0.3702



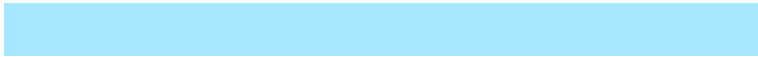
73.0402, 0.2598, 0.3030



73.0402, 0.3595, 0.3277

Square

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



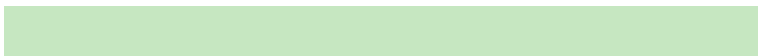
73.0402, 0.2598, 0.3030



73.0402, 0.3088, 0.2894



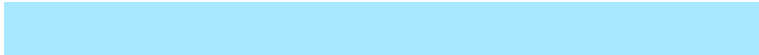
73.0402, 0.3687, 0.3511



73.0402, 0.3146, 0.3734

Rectangle

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



73.0402, 0.2598, 0.3030



73.0402, 0.2756, 0.2827



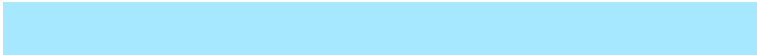
73.0402, 0.3687, 0.3511



73.0402, 0.3498, 0.3775

Sweetspot

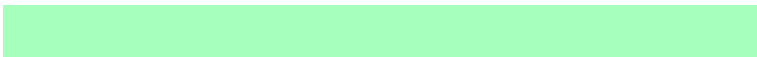
The Sweet Spot groups the original color and five complimentary colors.



73.0431, 0.2598, 0.3030



91.3526, 0.2972, 0.3224



83.2552, 0.2963, 0.4073



19.3062, 0.2950, 0.3214



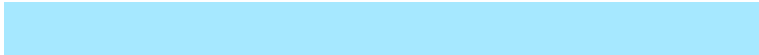
0.0000, 0.0000, 0.0000



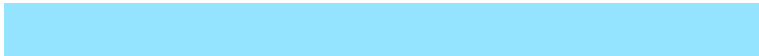
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0431, 0.2598, 0.3030



68.6397, 0.2500, 0.2968



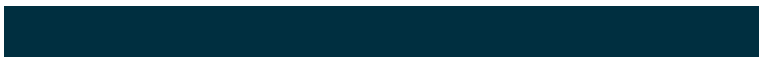
51.3892, 0.2527, 0.2507



19.6410, 0.2980, 0.3227



23.0846, 0.2008, 0.2429



2.4240, 0.2039, 0.2538

Inverse Universe

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



54.3491, 0.3355, 0.2626



47.9742, 0.3416, 0.2493



82.1360, 0.3725, 0.3965



18.2156, 0.3178, 0.3115



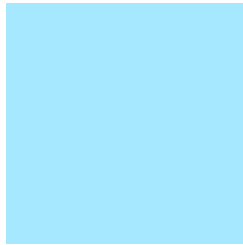
13.0584, 0.3994, 0.1974



1.2893, 0.3884, 0.1913

Previews

White Background



This preview shows how the Yxy color 73.0402, 0.2598, 0.3030 looks on a white background.

Color Contrast Check

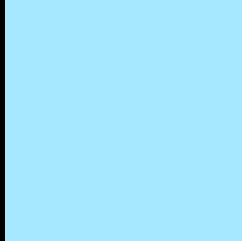
Large Text (above 18pt) WCAG AA × Fail

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 73.0402, 0.2598, 0.3030 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 73.0402, 0.2598, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 73.0402, 0.2598, 0.3030.

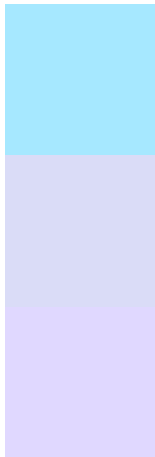


This preview shows how white text looks on a background with the Yxy color 73.0402, 0.2598, 0.3030.

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

73.0402, 0.2598, 0.3030

Protanopia

72.8072, 0.2941, 0.3004

Deuteranopia

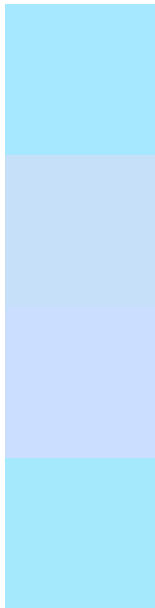
72.1790, 0.2932, 0.2885



Tritanopia

73.2422, 0.2614, 0.3085

Trichromacy



Original Color

73.0402, 0.2598, 0.3030

Protanomaly

72.3556, 0.2803, 0.3006

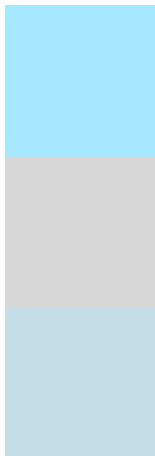
Deuteranomaly

72.1591, 0.2798, 0.2935

Tritanomaly

73.3054, 0.2609, 0.3074

Monochromacy



Original Color

73.0402, 0.2598, 0.3030

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.2964, 0.2906, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0402, 0.2598, 0.3030 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(166, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 232, 255)  
}
```

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(166, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.0402, 0.2598, 0.3030 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(166, 232, 255) }
```

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

```
.border{ border-color:rgb(166, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0402, 0.2598, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 232, 255) }
```

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

```
.background{ background-color: rgb(166,  
232, 255) }
```

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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