

Converting Colors

$Yxy(74.0061, 0.2606, 0.3047)$

Have a look what the booklet for
Yxy(74.0061, 0.2606, 0.3047)
contains.

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Color

Yxy(73.7133, 0.2605, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	A7E9FF
RGB	167, 233, 255
RGB Percent	65%, 91%, 100%
CMY	0.3450, 0.0863, 0.0001
CMYK	0.34, 0.09, 0.00, 0.00
HSL	195°, 100%, 83%
HSV	195°, 34%, 100%
XYZ	63.1240, 73.7133, 105.4813
YIQ	215.7740, -46.3980, -7.1500

Conversions

Conversions Part 2

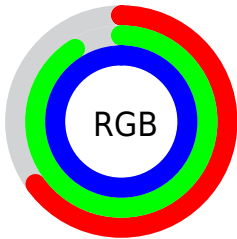
Format	Color
R_{YB}	167, 205, 255
Decimal	11004415
CIE _{Lab}	88.79, -15.43, -17.23
CIE _{LCh}	89, 23.128, 228.150
Yxy	73.7133, 0.2605, 0.3042
Android (android.graphics.Color)	4289194495 (0xFFA7E9FF)
YUV	215.7740, 19.3384, -42.7748
Hunter-Lab	85.8564, -19.0108, -12.7428

Details

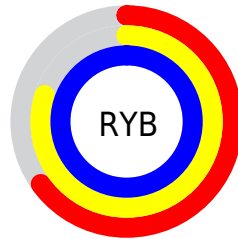
The Yxy color **73.7133, 0.2605, 0.3042** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4346, 0.3870, 0.3522**, and the grayscale version is **68.4008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **38.9010, 0.2486, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **67.6664, 0.2469, 0.2957**, and if you desaturate by 10%, it is **80.4435, 0.2751, 0.3122**.

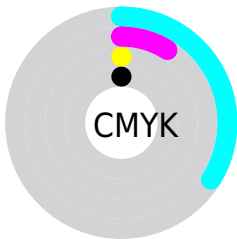
Distribution



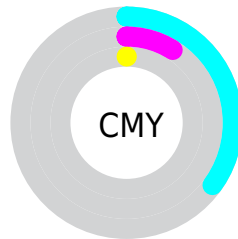
- Red (65%)
- Green (91%)
- Blue (100%)



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



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7133, 0.2605, 0.3042 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 73.7133, 0.2605, 0.3042 by changing the saturation by 10% instead.

73.7133, 0.2605,
0.3042

73.7133, 0.2605,
0.3042

473.4833, 0.2841,
0.3160

54.5594, 0.2552,
0.3014

124.4893, 0.2686,
0.3084

39.0491, 0.2488,
0.2980

156.8802, 0.2718,
0.3100

26.7979, 0.2408,
0.2935

194.4523, 0.2745,
0.3113

17.4215, 0.2306,
0.2877

237.5898, 0.2769,
0.3125

10.5355, 0.2170,
0.2796

286.6773, 0.2790,
0.3136

5.7554, 0.1983,
0.2679

342.0991, 0.2809,

2.6969, 0.1712,

0.3145

0.2495

404.2397, 0.2826,
0.3153

■ 0.9756, 0.1229,
0.2188

■ 0.0000, 0.0000,
0.0000

■ 73.7133, 0.2605,
0.3042

■ 73.7133, 0.2605,
0.3042

■ 67.6664, 0.2469,
0.2957

■ 80.4435, 0.2751,
0.3122

■ 62.2605, 0.2345,
0.2868

■ 87.8794, 0.2903,
0.3195

■ 57.4614, 0.2238,
0.2776

■ 96.0527, 0.3057,
0.3262

■ 53.2273, 0.2150,
0.2681

99.9980, 0.3127,
0.3290

■ 49.5102, 0.2081,
0.2587

■ 46.2511, 0.2032,
0.2494

■ 44.6064, 0.2012,
0.2443

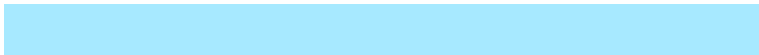
Harmonies

Analogous

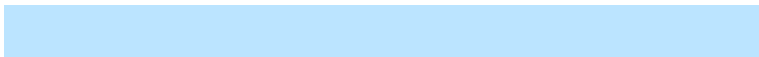
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7133, 0.2690, 0.3287



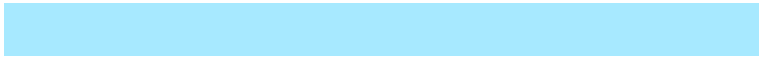
73.7133, 0.2605, 0.3042



73.7133, 0.2652, 0.2880

Triad

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



73.7133, 0.2605, 0.3042



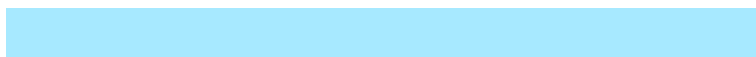
73.7133, 0.3358, 0.3051



73.7133, 0.3426, 0.3783

Complementary

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



73.7133, 0.2605, 0.3042



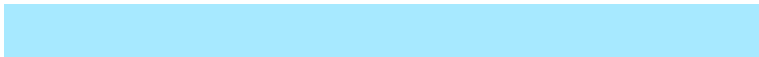
60.4346, 0.3870, 0.3522

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.



73.7133, 0.3620, 0.3691



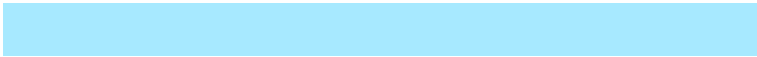
73.7133, 0.2605, 0.3042



73.7133, 0.3582, 0.3268

Square

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



73.7133, 0.2605, 0.3042



73.7133, 0.3077, 0.2894



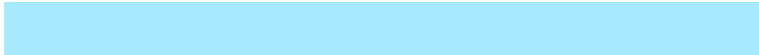
73.7133, 0.3679, 0.3500



73.7133, 0.3157, 0.3733

Rectangle

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



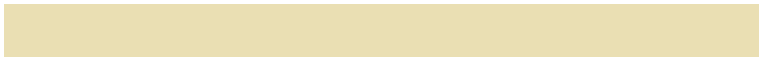
73.7133, 0.2605, 0.3042



73.7133, 0.2753, 0.2834



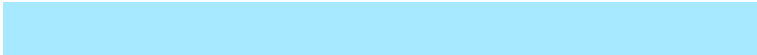
73.7133, 0.3679, 0.3500



73.7133, 0.3502, 0.3766

Sweetspot

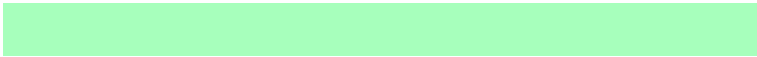
The Sweet Spot groups the original color and five complimentary colors.



73.7162, 0.2605, 0.3042



91.4841, 0.2972, 0.3226



83.3292, 0.2973, 0.4080



19.3382, 0.2950, 0.3216



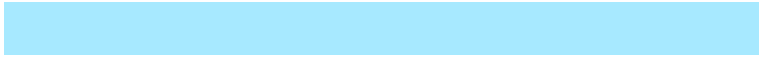
0.0000, 0.0000, 0.0000



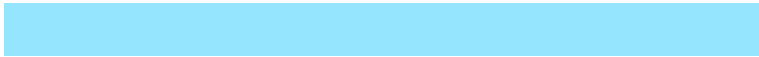
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7162, 0.2605, 0.3042



69.7238, 0.2515, 0.2987



52.4689, 0.2537, 0.2536



19.6678, 0.2980, 0.3229



23.5636, 0.2016, 0.2458



2.4672, 0.2046, 0.2564

Inverse Universe

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



54.7832, 0.3345, 0.2627



48.8675, 0.3399, 0.2504



81.4863, 0.3722, 0.3943



18.2183, 0.3176, 0.3113



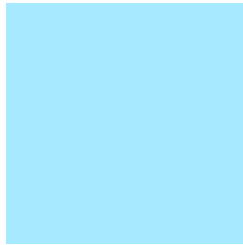
13.1067, 0.3964, 0.1957



1.2936, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 73.7133, 0.2605, 0.3042 looks on a white background.

Color Contrast Check

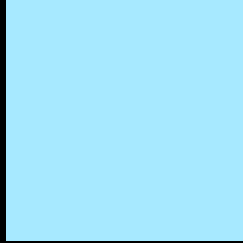
Large Text (above 18pt) WCAG AA × Fail

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 73.7133, 0.2605, 0.3042 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 73.7133, 0.2605, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 73.7133, 0.2605, 0.3042.

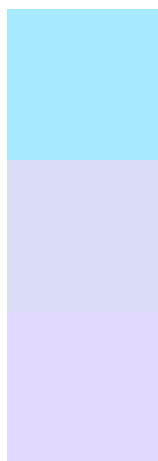


This preview shows how white text looks on a background with the Yxy color 73.7133, 0.2605, 0.3042.

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

73.7133, 0.2605, 0.3042

Protanopia

73.4884, 0.2948, 0.3015

Deuteranopia

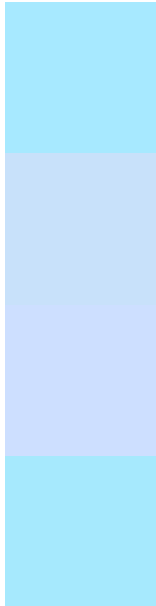
73.0145, 0.2945, 0.2897



Tritanopia

73.4131, 0.2614, 0.3074

Trichromacy



Original Color

73.7133, 0.2605, 0.3042

Protanomaly

73.0319, 0.2810, 0.3018

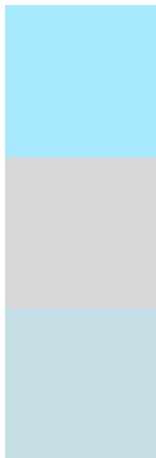
Deuteranomaly

72.9745, 0.2811, 0.2947

Tritanomaly

73.4767, 0.2609, 0.3063

Monochromacy



Original Color

73.7133, 0.2605, 0.3042

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9615, 0.2913, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7133, 0.2605, 0.3042 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(167, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 233, 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(167, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.7133, 0.2605, 0.3042 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(167, 233, 255) }
```

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

```
.border{ border-color:rgb(167, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7133, 0.2605, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 233, 255) }
```

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

```
.background{ background-color: rgb(167,  
233, 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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