

Converting Colors

$Yxy(74.1791, 0.2641, 0.3076)$

Have a look what the booklet for
Yxy(74.1791, 0.2641, 0.3076)
contains.

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Color

Yxy(73.9640, 0.2641, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	ABE9FC
RGB	171, 233, 252
RGB Percent	67%, 91%, 99%
CMY	0.3293, 0.0863, 0.0119
CMYK	0.32, 0.08, 0.00, 0.01
HSL	194°, 93%, 83%
HSV	194°, 32%, 99%
XYZ	63.5042, 73.9640, 102.9869
YIQ	216.6280, -43.0510, -7.2350

Conversions

Conversions Part 2

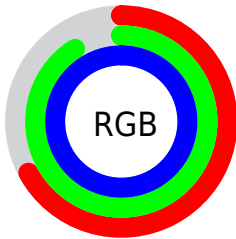
Format	Color
R _{YB}	171, 206, 252
Decimal	11266556
CIE _{Lab}	88.91, -15.07, -15.45
CIE _{LCh}	89, 21.582, 225.719
Y _{xy}	73.9640, 0.2641, 0.3076
Android (android.graphics.Color)	4289456636 (0xFFABE9FC)
YUV	216.6280, 17.4384, -40.0158
Hunter-Lab	86.0023, -18.6995, -10.7976

Details

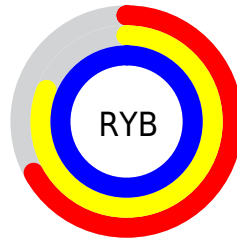
The Yxy color **73.9640, 0.2641, 0.3076** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4530, 0.3807, 0.3493**, and the grayscale version is **69.0261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **39.0974, 0.2534, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **68.1153, 0.2504, 0.2998**, and if you desaturate by 10%, it is **80.4696, 0.2787, 0.3149**.

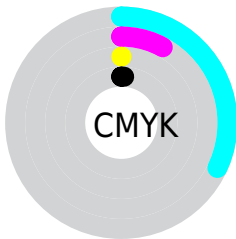
Distribution



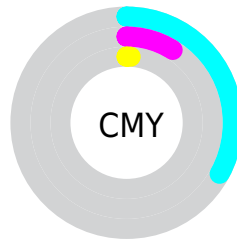
- Red (67%)
- Green (91%)
- Blue (99%)



- Red (67%)
- Yellow (81%)
- Blue (99%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (33%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9640, 0.2641, 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 73.9640, 0.2641, 0.3076 by changing the saturation by 10% instead.


 73.9640, 0.2641,
0.3076

 73.9640, 0.2641,
0.3076


474.3491, 0.2861,
0.3178

 54.7646, 0.2592,
0.3052


 124.8448, 0.2716,
0.3112

 39.2133, 0.2532,
0.3022


157.2949, 0.2746,
0.3126

 26.9257, 0.2457,
0.2984


194.9307, 0.2772,
0.3138

 17.5174, 0.2361,
0.2933

238.1367, 0.2794,
0.3148

 10.6041, 0.2233,
0.2862

287.2971, 0.2814,
0.3157

 5.8013, 0.2056,
0.2759

342.7963, 0.2831,

 2.7246, 0.1797,

0.3165

0.2595

405.0189, 0.2847,
0.3172

0.9897, 0.1333,
0.2319

0.0000, 0.0000,
0.0000

73.9640, 0.2641,
0.3076

73.9640, 0.2641,
0.3076

68.1153, 0.2504,
0.2998

80.4696, 0.2787,
0.3149

62.8830, 0.2379,
0.2916

87.6527, 0.2940,
0.3216

58.2350, 0.2270,
0.2830

95.5435, 0.3094,
0.3278

54.1323, 0.2179,
0.2743

99.8055, 0.3145,
0.3319

■ 50.5301, 0.2108,
0.2655

■ 47.3746, 0.2057,
0.2567

■ 45.1381, 0.2028,
0.2499

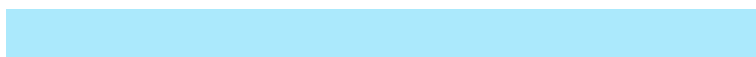
Harmonies

Analogous

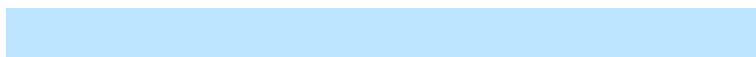
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9640, 0.2730, 0.3308



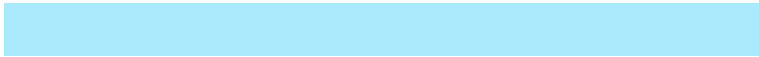
73.9640, 0.2641, 0.3076



73.9640, 0.2675, 0.2916

Triad

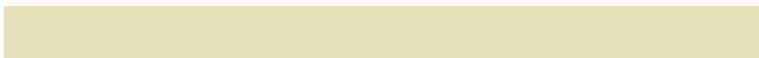
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9640, 0.2641, 0.3076



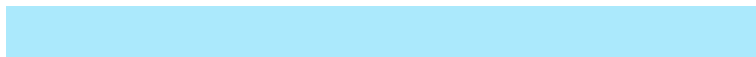
73.9640, 0.3322, 0.3052



73.9640, 0.3425, 0.3747

Complementary

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



73.9640, 0.2641, 0.3076



60.4530, 0.3807, 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.



73.9640, 0.3596, 0.3653



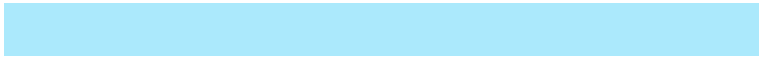
73.9640, 0.2641, 0.3076



73.9640, 0.3538, 0.3253

Square

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



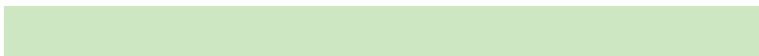
73.9640, 0.2641, 0.3076



73.9640, 0.3060, 0.2911



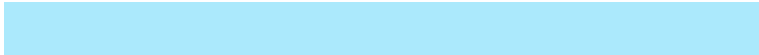
73.9640, 0.3639, 0.3470



73.9640, 0.3177, 0.3710

Rectangle

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



73.9640, 0.2641, 0.3076



73.9640, 0.2764, 0.2866



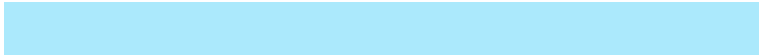
73.9640, 0.3639, 0.3470



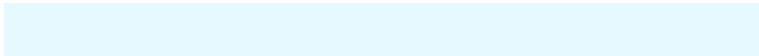
73.9640, 0.3493, 0.3728

Sweetspot

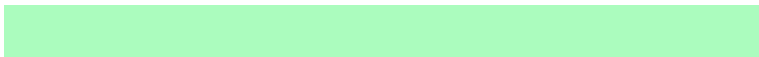
The Sweet Spot groups the original color and five complimentary colors.



73.9669, 0.2641, 0.3076



91.7284, 0.2972, 0.3230



81.9696, 0.2983, 0.4015



19.3976, 0.2950, 0.3221



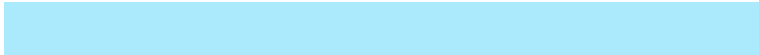
0.0000, 0.0000, 0.0000



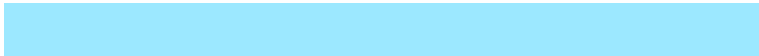
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9669, 0.2641, 0.3076



71.7904, 0.2545, 0.3023



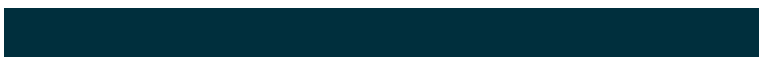
53.6588, 0.2582, 0.2597



18.8788, 0.2980, 0.3233



23.7592, 0.2032, 0.2514



2.3613, 0.2061, 0.2618

Inverse Universe

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



55.7113, 0.3316, 0.2662



50.6956, 0.3368, 0.2527



80.4333, 0.3677, 0.3897



17.4509, 0.3174, 0.3110



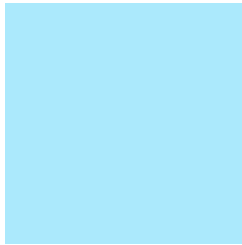
12.8094, 0.3908, 0.1927



1.2026, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 73.9640, 0.2641, 0.3076 looks on a white background.

Color Contrast Check

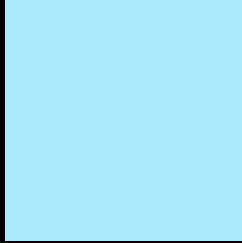
Large Text (above 18pt) WCAG AA × Fail

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 73.9640, 0.2641, 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 73.9640, 0.2641, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 73.9640, 0.2641, 0.3076.



This preview shows how white text looks on a background with the Yxy color 73.9640, 0.2641, 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

73.9640, 0.2641, 0.3076

Trichromacy



Original Color

73.9640, 0.2641, 0.3076

Protanomaly

73.1224, 0.2840, 0.3050

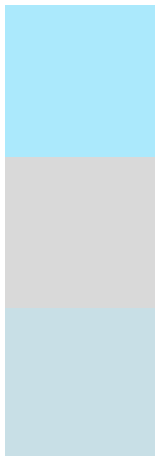
Deuteranomaly

73.1965, 0.2830, 0.2959

Tritanomaly

73.9640, 0.2641, 0.3076

Monochromacy



Original Color

73.9640, 0.2641, 0.3076

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7679, 0.2926, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9640, 0.2641, 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(171, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 252)  
}
```

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(171, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 252) }
```

Border

The CSS property to change the border of an element to Yxy 73.9640, 0.2641, 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(171, 233, 252) }
```

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

```
.border{ border-color:rgb(171, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 233, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 233, 252); box-shadow:4px 4px 4px 4px rgb(171, 233, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9640, 0.2641, 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(171, 233, 252) }
```

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

```
.background{ background-color: rgb(171,  
233, 252) }
```

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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