

Converting Colors

$Yxy(80.7044, 0.2294, 0.2305)$

Have a look what the booklet for
Yxy(80.7044, 0.2294, 0.2305)
contains.

Yxy(74.3821, 0.2636, 0.3044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.3821, 0.2636, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	ADE9FF
RGB	173, 233, 255
RGB Percent	68%, 91%, 100%
CMY	0.3218, 0.0862, 0.0000
CMYK	0.32, 0.09, 0.00, 0.00
HSL	196°, 100%, 84%
HSV	196°, 32%, 100%
XYZ	64.4124, 74.3821, 105.5620
YIQ	217.5680, -42.8220, -5.8780

Conversions

Conversions Part 2

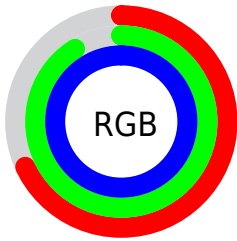
Format	Color
RYB	173, 208, 255
Decimal	11397631
CIELab	89.10, -13.84, -16.73
CIELCh	89, 21.719, 230.398
Yxy	74.3821, 0.2636, 0.3044
Android (android.graphics.Color)	4289587711 (0xFFADE9FF)
YUV	217.5680, 18.4540, -39.0861
Hunter-Lab	86.2451, -17.6156, -12.1981

Details

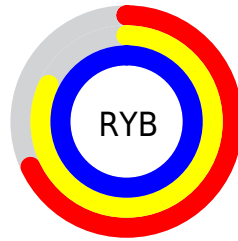
The Yxy color **74.3821, 0.2636, 0.3044** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2702, 0.3800, 0.3522**, and the grayscale version is **69.6857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **39.3730, 0.2529, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **67.9583, 0.2495, 0.2954**, and if you desaturate by 10%, it is **81.5161, 0.2785, 0.3128**.

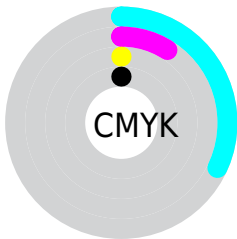
Distribution



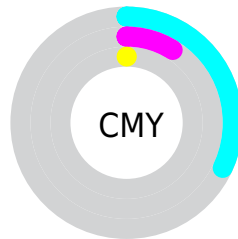
- Red (68%)
- Green (91%)
- Blue (100%)



- Red (68%)
- Yellow (82%)
- Blue (100%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3821, 0.2636, 0.3044 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 74.3821, 0.2636, 0.3044 by changing the saturation by 10% instead.

■ 74.3821, 0.2636,
0.3044

■ 74.3821, 0.2636,
0.3044

■ 475.7911, 0.2858,
0.3161

■ 55.1068, 0.2587,
0.3017

■ 125.4373, 0.2712,
0.3085

■ 39.4873, 0.2526,
0.2983

■ 157.9860, 0.2742,
0.3101

■ 27.1390, 0.2451,
0.2940

■ 195.7281, 0.2768,
0.3114

■ 17.6776, 0.2354,
0.2883

■ 239.0477, 0.2790,
0.3126

■ 10.7188, 0.2226,
0.2805

■ 288.3295, 0.2810,
0.3136

■ 5.8781, 0.2050,
0.2692

■ 343.9577, 0.2828,

■ 2.7711, 0.1792,

0.3145

0.2514

406.3168, 0.2844,
0.3153

1.0134, 0.1355,
0.2215

0.0000, 0.0000,
0.0000

74.3821, 0.2636,
0.3044

74.3821, 0.2636,
0.3044

67.9583, 0.2495,
0.2954

81.5161, 0.2785,
0.3128

62.2026, 0.2367,
0.2859

89.3823, 0.2938,
0.3205

57.0813, 0.2253,
0.2760

98.0123, 0.3093,
0.3276

52.5537, 0.2157,
0.2658

99.9995, 0.3127,
0.3290

■ 48.5729, 0.2081,
0.2556

■ 45.0827, 0.2026,
0.2455

■ 42.6292, 0.1994,
0.2377

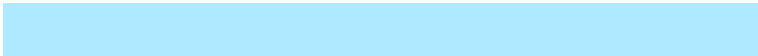
Harmonies

Analogous

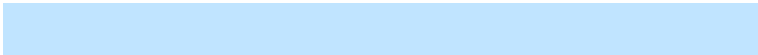
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3821, 0.2707, 0.3269



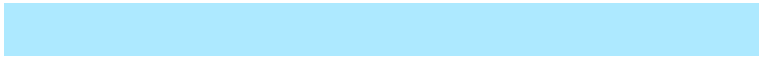
74.3821, 0.2636, 0.3044



74.3821, 0.2689, 0.2898

Triad

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



74.3821, 0.2636, 0.3044



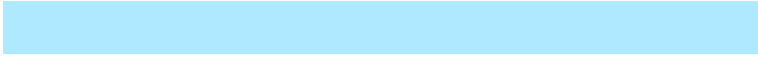
74.3821, 0.3362, 0.3080



74.3821, 0.3390, 0.3752

Complementary

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



74.3821, 0.2636, 0.3044



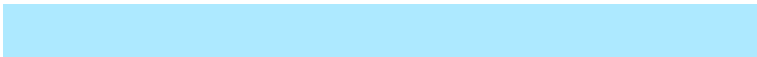
63.2702, 0.3800, 0.3522

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.



74.3821, 0.3579, 0.3676



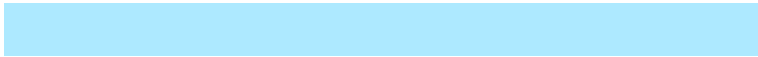
74.3821, 0.2636, 0.3044



74.3821, 0.3564, 0.3287

Square

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



74.3821, 0.2636, 0.3044



74.3821, 0.3101, 0.2926



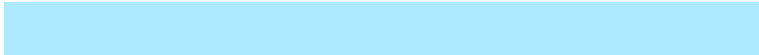
74.3821, 0.3644, 0.3503



74.3821, 0.3136, 0.3694

Rectangle

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



74.3821, 0.2636, 0.3044



74.3821, 0.2790, 0.2860



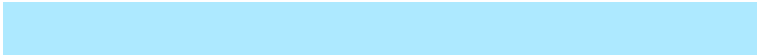
74.3821, 0.3644, 0.3503



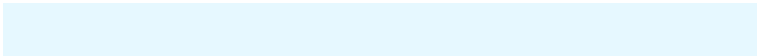
74.3821, 0.3464, 0.3741

Sweetspot

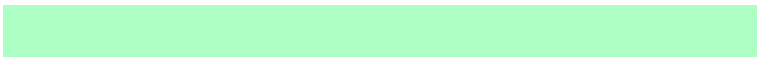
The Sweet Spot groups the original color and five complimentary colors.



74.3850, 0.2636, 0.3044



91.1996, 0.2972, 0.3221



84.3257, 0.2968, 0.3985



19.2691, 0.2950, 0.3211



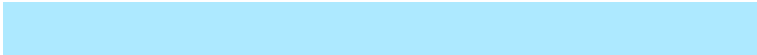
0.0000, 0.0000, 0.0000



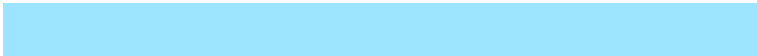
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3850, 0.2636, 0.3044



69.9292, 0.2539, 0.2983



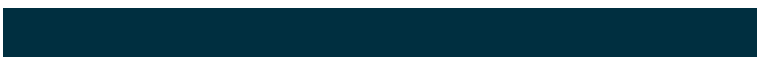
53.8379, 0.2577, 0.2562



19.6099, 0.2980, 0.3225



22.5354, 0.1998, 0.2394



2.3744, 0.2030, 0.2508

Inverse Universe

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



57.0103, 0.3339, 0.2686



50.5077, 0.3398, 0.2557



84.1774, 0.3670, 0.3924



18.2124, 0.3179, 0.3118



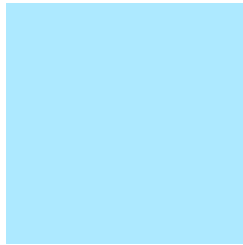
13.0029, 0.4029, 0.1993



1.2842, 0.3914, 0.1930

Previews

White Background



This preview shows how the Yxy color 74.3821, 0.2636, 0.3044 looks on a white background.

Color Contrast Check

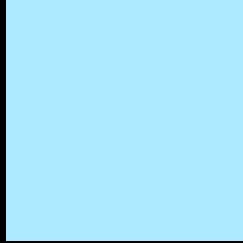
Large Text (above 18pt) WCAG AA × Fail

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 74.3821, 0.2636, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

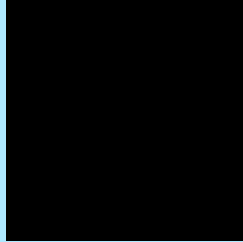
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3821, 0.2636, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 74.3821, 0.2636, 0.3044.



This preview shows how white text looks on a background with the Yxy color 74.3821, 0.2636, 0.3044.

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

74.3821, 0.2636, 0.3044

Protanopia

73.7059, 0.2949, 0.3005

Deuteranopia

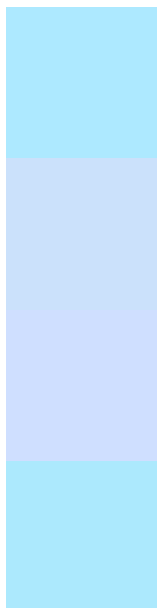
73.6937, 0.2952, 0.2908



Tritanopia

74.0768, 0.2646, 0.3076

Trichromacy



Original Color

74.3821, 0.2636, 0.3044

Protanomaly

73.5120, 0.2823, 0.3009

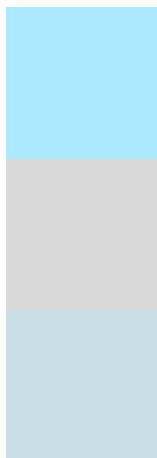
Deuteranomaly

73.2608, 0.2824, 0.2948

Tritanomaly

74.1403, 0.2641, 0.3065

Monochromacy



Original Color

74.3821, 0.2636, 0.3044

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1014, 0.2933, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3821, 0.2636, 0.3044 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(173, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3821, 0.2636, 0.3044 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(173, 233, 255) }
```

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

```
.border{ border-color:rgb(173, 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(173, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3821, 0.2636, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 233, 255) }
```

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

```
.background{ background-color: rgb(173,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor