

Converting Colors

$Yxy(73.9912, 0.2691, 0.3015)$

Have a look what the booklet for
Yxy(73.9912, 0.2691, 0.3015)
contains.

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Color

Yxy(74.0040, 0.2693, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	B8E6FF
RGB	184, 230, 255
RGB Percent	72%, 90%, 100%
CMY	0.2782, 0.0981, 0.0000
CMYK	0.28, 0.10, 0.00, 0.00
HSL	201°, 100%, 86%
HSV	201°, 28%, 100%
XYZ	66.1224, 74.0040, 105.4078
YIQ	219.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

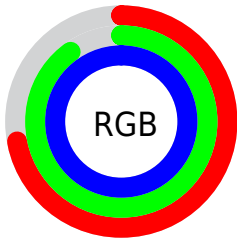
Format	Color
RYB	184, 212, 255
Decimal	12117759
CIELab	88.92, -9.22, -16.95
CIElCh	89, 19.293, 241.440
Yxy	74.0040, 0.2693, 0.3014
Android (android.graphics.Color)	4290307839 (0xFFB8E6FF)
YUV	219.0960, 17.7007, -30.7792
Hunter-Lab	86.0256, -13.3432, -12.4306

Details

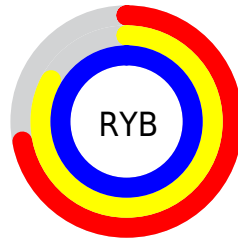
The Yxy color **74.0040, 0.2693, 0.3014** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3509, 0.3669, 0.3550**, and the grayscale version is **70.8094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **39.4043, 0.2596, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **66.2614, 0.2541, 0.2897**, and if you desaturate by 10%, it is **82.5777, 0.2849, 0.3122**.

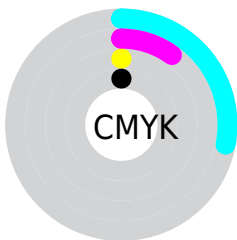
Distribution



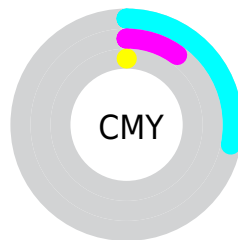
- Red (72%)
- Green (90%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0040, 0.2693, 0.3014 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 74.0040, 0.2693, 0.3014 by changing the saturation by 10% instead.

■ 74.0040, 0.2693,
0.3014

■ 74.0040, 0.2693,
0.3014

■ 474.4872, 0.2890,
0.3143

■ 54.7973, 0.2649,
0.2984

■ 124.9015, 0.2761,
0.3059

■ 39.2395, 0.2595,
0.2947

■ 157.3611, 0.2787,
0.3076

■ 26.9461, 0.2528,
0.2901

■ 195.0071, 0.2810,
0.3091

■ 17.5327, 0.2441,
0.2840

■ 238.2239, 0.2830,
0.3105

■ 10.6150, 0.2326,
0.2756

■ 287.3959, 0.2848,
0.3116

■ 5.8086, 0.2165,
0.2637

■ 342.9075, 0.2864,

■ 2.7291, 0.1928,

0.3126

0.2453

405.1432, 0.2878,
0.3135

0.9920, 0.1541,
0.2141

0.0000, 0.0000,
0.0000

74.0040, 0.2693,
0.3014

74.0040, 0.2693,
0.3014

66.2614, 0.2541,
0.2897

82.5777, 0.2849,
0.3122

59.3073, 0.2397,
0.2772

92.0061, 0.3006,
0.3220

53.1071, 0.2265,
0.2641

100.0000, 0.3127,
0.3290

47.6197, 0.2148,
0.2505

■ 42.7987, 0.2051,
0.2367

■ 38.5904, 0.1974,
0.2231

■ 34.9237, 0.1919,
0.2097

■ 34.1762, 0.1908,
0.2068

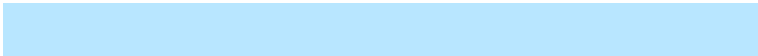
Harmonies

Analogous

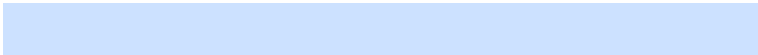
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0040, 0.2716, 0.3194



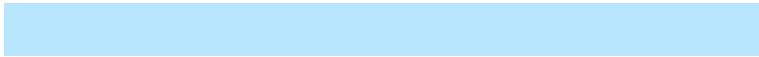
74.0040, 0.2693, 0.3014



74.0040, 0.2781, 0.2916

Triad

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



74.0040, 0.2693, 0.3014



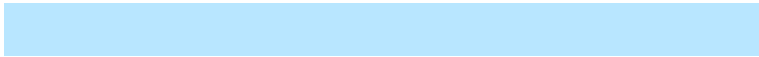
74.0040, 0.3412, 0.3167



74.0040, 0.3283, 0.3695

Complementary

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



74.0040, 0.2693, 0.3014



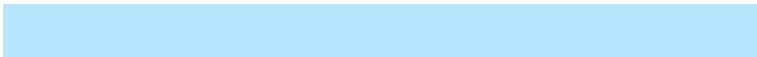
70.3509, 0.3669, 0.3550

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.



74.0040, 0.3478, 0.3671



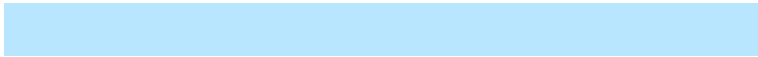
74.0040, 0.2693, 0.3014



74.0040, 0.3556, 0.3361

Square

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



74.0040, 0.2693, 0.3014



74.0040, 0.3192, 0.3007



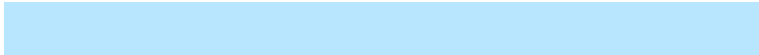
74.0040, 0.3580, 0.3546



74.0040, 0.3051, 0.3599

Rectangle

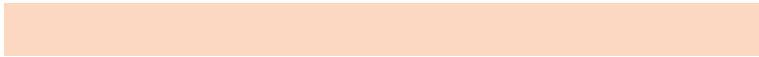
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0040, 0.2693, 0.3014



74.0040, 0.2893, 0.2905



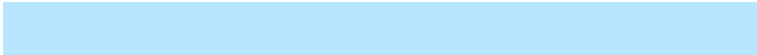
74.0040, 0.3580, 0.3546



74.0040, 0.3355, 0.3700

Sweetspot

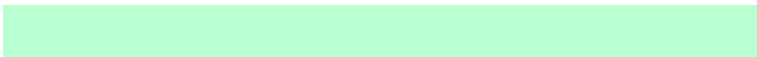
The Sweet Spot groups the original color and five complimentary colors.



74.0068, 0.2693, 0.3014



91.8323, 0.3003, 0.3218



86.3141, 0.2957, 0.3807



19.3408, 0.2980, 0.3204



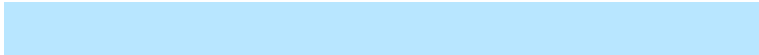
0.0000, 0.0000, 0.0000



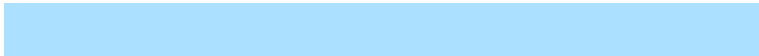
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0068, 0.2693, 0.3014



69.8966, 0.2614, 0.2955



56.3088, 0.2651, 0.2606



19.3408, 0.2980, 0.3204



18.1492, 0.1914, 0.2090



1.9728, 0.1956, 0.2243

Inverse Universe

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



61.2744, 0.3352, 0.2826



55.7841, 0.3406, 0.2737



89.6395, 0.3576, 0.3892



18.1853, 0.3192, 0.3137



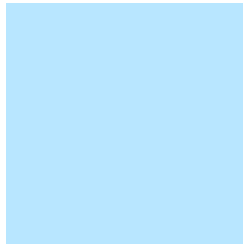
12.5601, 0.4352, 0.2171



1.2437, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 74.0040, 0.2693, 0.3014 looks on a white background.

Color Contrast Check

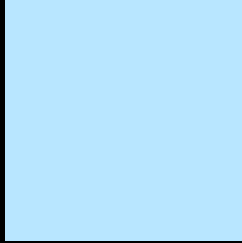
Large Text (above 18pt) WCAG AA × Fail

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 74.0040, 0.2693, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

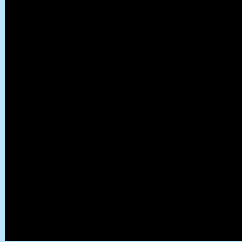
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

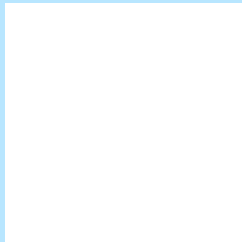
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0040, 0.2693, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 74.0040, 0.2693, 0.3014.



This preview shows how white text looks on a background with the Yxy color 74.0040, 0.2693, 0.3014.

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

74.0040, 0.2693, 0.3014

Protanopia

73.6125, 0.2936, 0.2995

Deuteranopia

73.6937, 0.2952, 0.2908



Tritanopia

74.0587, 0.2720, 0.3089

Trichromacy



Original Color

74.0040, 0.2693, 0.3014

Protanomaly

73.3982, 0.2841, 0.3000

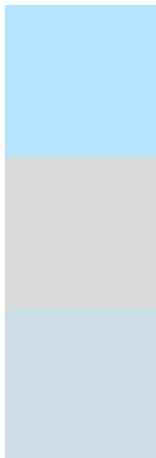
Deuteranomaly

73.3114, 0.2849, 0.2940

Tritanomaly

74.1841, 0.2709, 0.3068

Monochromacy



Original Color

74.0040, 0.2693, 0.3014

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7234, 0.2954, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0040, 0.2693, 0.3014 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(184, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 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(184, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.0040, 0.2693, 0.3014 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(184, 230, 255) }
```

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

```
.border{ border-color:rgb(184, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0040, 0.2693, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 255) }
```

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

```
.background{ background-color: rgb(184,  
230, 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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