

Converting Colors

$Yxy(71.4054, 0.2707, 0.3025)$

Have a look what the booklet for
Yxy(71.4054, 0.2707, 0.3025)
contains.

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Color

Yxy(71.3621, 0.2709, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2FA
RGB	183, 226, 250
RGB Percent	72%, 89%, 98%
CMY	0.2822, 0.1138, 0.0195
CMYK	0.27, 0.10, 0.00, 0.02
HSL	202°, 87%, 85%
HSV	202°, 27%, 98%
XYZ	63.9920, 71.3621, 100.8660
YIQ	215.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

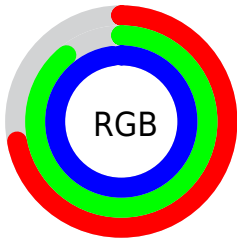
Format	Color
RYB	183, 209, 250
Decimal	12051194
CIELab	87.66, -8.59, -16.24
CIELCh	88, 18.370, 242.135
Yxy	71.3621, 0.2709, 0.3021
Android (android.graphics.Color)	4290241274 (0xFFB7E2FA)
YUV	215.8790, 16.8217, -28.8349
Hunter-Lab	84.4761, -12.6165, -11.6601

Details

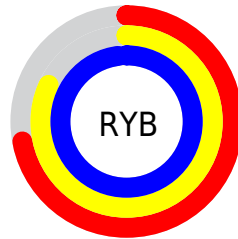
The Yxy color **71.3621, 0.2709, 0.3021** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4193, 0.3642, 0.3544**, and the grayscale version is **68.4916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **37.6101, 0.2607, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **63.8123, 0.2556, 0.2903**, and if you desaturate by 10%, it is **79.7177, 0.2865, 0.3130**.

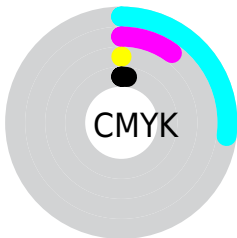
Distribution



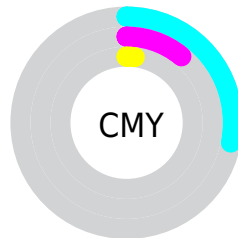
- Red (72%)
- Green (89%)
- Blue (98%)



- Red (72%)
- Yellow (82%)
- Blue (98%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3621, 0.2709, 0.3021 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 71.3621, 0.2709, 0.3021 by changing the saturation by 10% instead.

■ 71.3621, 0.2709,
0.3021

■ 71.3621, 0.2709,
0.3021

465.3182, 0.2900,
0.3148

■ 52.6378, 0.2666,
0.2992

■ 121.1492, 0.2775,
0.3065

■ 37.5137, 0.2613,
0.2955

152.9807, 0.2801,
0.3082

■ 25.6054, 0.2547,
0.2909

189.9500, 0.2823,
0.3097

■ 16.5287, 0.2461,
0.2848

232.4416, 0.2842,
0.3110

■ 9.8990, 0.2346,
0.2765

280.8398, 0.2859,
0.3121

■ 5.3321, 0.2184,
0.2644

335.5291, 0.2875,

■ 2.4434, 0.1943,

0.3131

0.2455

396.8938, 0.2888,
0.3140

0.8481, 0.1503,
0.2136

0.0000, 0.0000,
0.0000

71.3621, 0.2709,
0.3021

71.3621, 0.2709,
0.3021

63.8123, 0.2556,
0.2903

79.7177, 0.2865,
0.3130

57.0270, 0.2410,
0.2776

88.9009, 0.3022,
0.3229

50.9737, 0.2276,
0.2643

98.3582, 0.3157,
0.3318

45.6134, 0.2156,
0.2505

99.6839, 0.3156,
0.3337

■ 40.9022, 0.2056,
0.2365

■ 36.7897, 0.1976,
0.2226

■ 33.2125, 0.1918,
0.2089

■ 32.1472, 0.1902,
0.2046

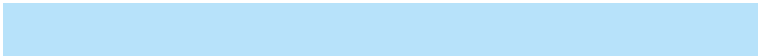
Harmonies

Analogous

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



71.3621, 0.2729, 0.3193



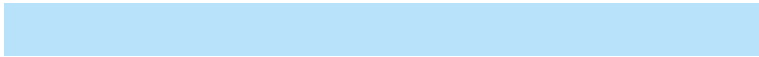
71.3621, 0.2709, 0.3021



71.3621, 0.2796, 0.2928

Triad

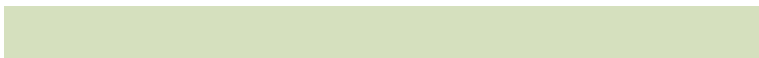
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3621, 0.2709, 0.3021



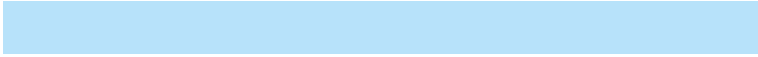
71.3621, 0.3406, 0.3176



71.3621, 0.3272, 0.3679

Complementary

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



71.3621, 0.2709, 0.3021



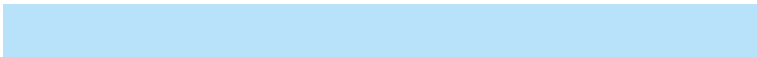
68.4193, 0.3642, 0.3544

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.



71.3621, 0.3462, 0.3659



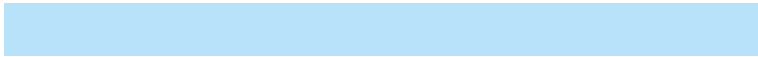
71.3621, 0.2709, 0.3021



71.3621, 0.3543, 0.3364

Square

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



71.3621, 0.2709, 0.3021



71.3621, 0.3195, 0.3020



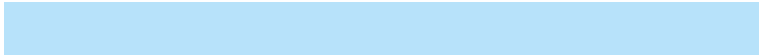
71.3621, 0.3563, 0.3540



71.3621, 0.3049, 0.3584

Rectangle

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



71.3621, 0.2709, 0.3021



71.3621, 0.2905, 0.2919



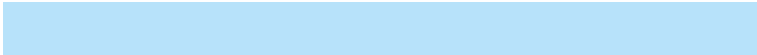
71.3621, 0.3563, 0.3540



71.3621, 0.3342, 0.3685

Sweetspot

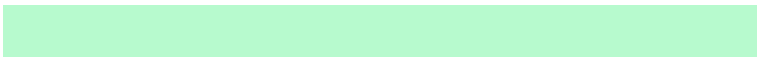
The Sweet Spot groups the original color and five complimentary colors.



71.3650, 0.2709, 0.3021



91.7514, 0.3003, 0.3217



82.9426, 0.2963, 0.3784



19.3204, 0.2980, 0.3203



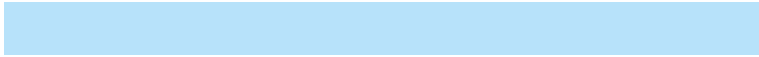
0.0000, 0.0000, 0.0000



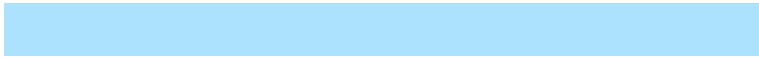
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3650, 0.2709, 0.3021



70.3871, 0.2628, 0.2960



55.1609, 0.2671, 0.2637



18.4993, 0.2980, 0.3203



17.3299, 0.1908, 0.2068



1.8056, 0.1953, 0.2231

Inverse Universe

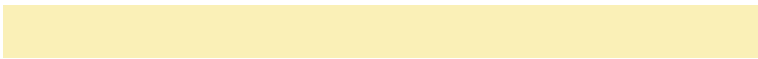
The Inverse Universe completely reimagines the original color for something new.



59.7080, 0.3345, 0.2849



56.7761, 0.3400, 0.2760



86.0597, 0.3557, 0.3868



17.4126, 0.3193, 0.3139



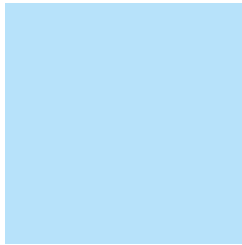
12.1604, 0.4376, 0.2185



1.1465, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 71.3621, 0.2709, 0.3021 looks on a white background.

Color Contrast Check

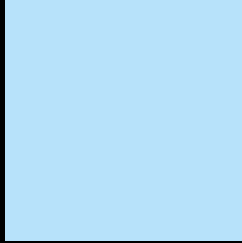
Large Text (above 18pt) WCAG AA × Fail

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 71.3621, 0.2709, 0.3021 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

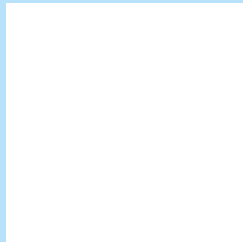
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3621, 0.2709, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 71.3621, 0.2709, 0.3021.

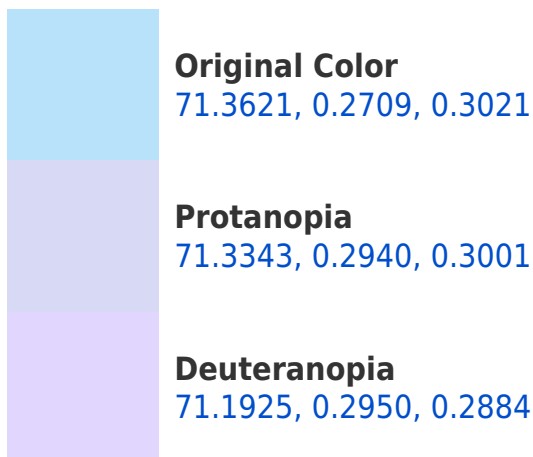


This preview shows how white text looks on a background with the Yxy color 71.3621, 0.2709, 0.3021.

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

71.4758, 0.2731, 0.3087

Trichromacy



Original Color

71.3621, 0.2709, 0.3021

Protanomaly

71.2657, 0.2850, 0.3007

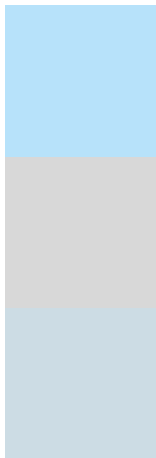
Deuteranomaly

70.8727, 0.2858, 0.2926

Tritanomaly

71.5987, 0.2720, 0.3065

Monochromacy



Original Color

71.3621, 0.2709, 0.3021

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6252, 0.2965, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3621, 0.2709, 0.3021 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(183, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 250)  
}
```

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(183, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 250) }
```

Border

The CSS property to change the border of an element to Yxy 71.3621, 0.2709, 0.3021 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(183, 226, 250) }
```

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

```
.border{ border-color:rgb(183, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3621, 0.2709, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 250) }
```

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

```
.background{ background-color: rgb(183,  
226, 250) }
```

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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