

Converting Colors

$Yxy(71.7605, 0.2757, 0.3051)$

Have a look what the booklet for
Yxy(71.7605, 0.2757, 0.3051)
contains.

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Color

Yxy(71.9269, 0.2761, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	BDE2F7
RGB	189, 226, 247
RGB Percent	74%, 89%, 97%
CMY	0.2585, 0.1138, 0.0314
CMYK	0.23, 0.09, 0.00, 0.03
HSL	202°, 78%, 86%
HSV	202°, 23%, 97%
XYZ	64.9837, 71.9269, 98.4523
YIQ	217.3310, -28.7930, -1.3130

Conversions

Conversions Part 2

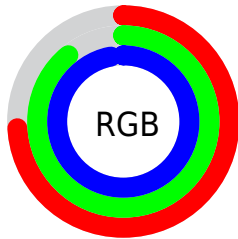
Format	Color
R_{YB}	189, 212, 247
Decimal	12444407
CIE _{Lab}	87.93, -7.51, -14.20
CIE _{LCh}	88, 16.066, 242.132
Yxy	71.9269, 0.2761, 0.3056
Android (android.graphics.Color)	4290634487 (0xFFBDE2F7)
YUV	217.3310, 14.6268, -24.8463
Hunter-Lab	84.8097, -11.6451, -9.4606

Details

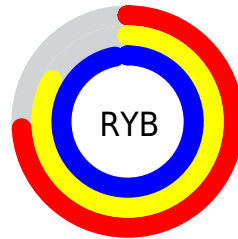
The Yxy color **71.9269, 0.2761, 0.3056** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5859, 0.3565, 0.3513**, and the grayscale version is **69.5493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **38.0383, 0.2677, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **64.2883, 0.2606, 0.2940**, and if you desaturate by 10%, it is **80.3639, 0.2918, 0.3163**.

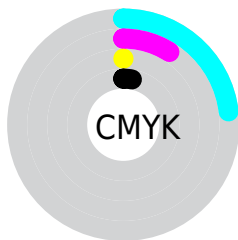
Distribution



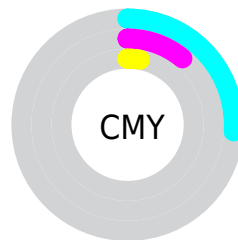
- Red (74%)
- Green (89%)
- Blue (97%)



- Red (74%)
- Yellow (83%)
- Blue (97%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9269, 0.2761, 0.3056 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 71.9269, 0.2761, 0.3056 by changing the saturation by 10% instead.

■ 71.9269, 0.2761,
0.3056

■ 71.9269, 0.2761,
0.3056

■ 467.2871, 0.2929,
0.3166

■ 53.0990, 0.2723,
0.3031

■ 121.9526, 0.2819,
0.3094

■ 37.8818, 0.2677,
0.2999

■ 153.9191, 0.2841,
0.3109

■ 25.8909, 0.2618,
0.2959

■ 191.0340, 0.2861,
0.3122

■ 16.7421, 0.2542,
0.2906

■ 233.6816, 0.2878,
0.3133

■ 10.0508, 0.2441,
0.2834

■ 282.2463, 0.2893,
0.3143

■ 5.4326, 0.2297,
0.2728

■ 337.1126, 0.2906,

■ 2.5033, 0.2080,

0.3151

0.2563

398.6647, 0.2918,
0.3159

0.8783, 0.1691,
0.2280

0.0000, 0.0000,
0.0000

71.9269, 0.2761,
0.3056

71.9269, 0.2761,
0.3056

64.2883, 0.2606,
0.2940

80.3639, 0.2918,
0.3163

57.4083, 0.2457,
0.2815

89.6195, 0.3074,
0.3259

51.2563, 0.2318,
0.2682

98.1411, 0.3175,
0.3346

45.7954, 0.2193,
0.2544

99.4954, 0.3173,
0.3367

■ 40.9850, 0.2085,
0.2403

■ 36.7782, 0.1998,
0.2261

■ 33.1190, 0.1932,
0.2122

■ 30.9677, 0.1898,
0.2033

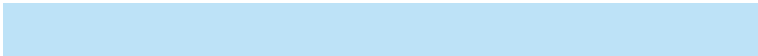
Harmonies

Analogous

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



71.9269, 0.2778, 0.3207



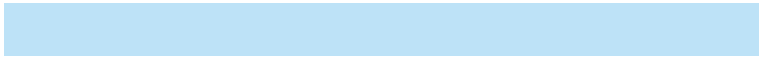
71.9269, 0.2761, 0.3056



71.9269, 0.2838, 0.2974

Triad

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



71.9269, 0.2761, 0.3056



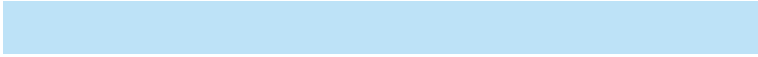
71.9269, 0.3370, 0.3190



71.9269, 0.3255, 0.3628

Complementary

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



71.9269, 0.2761, 0.3056



69.5859, 0.3565, 0.3513

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.



71.9269, 0.3420, 0.3612



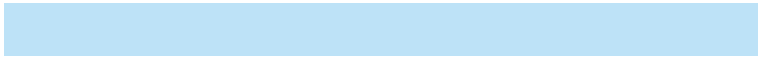
71.9269, 0.2761, 0.3056



71.9269, 0.3489, 0.3356

Square

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



71.9269, 0.2761, 0.3056



71.9269, 0.3187, 0.3053



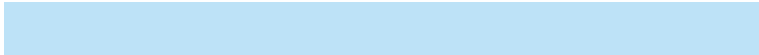
71.9269, 0.3507, 0.3510



71.9269, 0.3059, 0.3545

Rectangle

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



71.9269, 0.2761, 0.3056



71.9269, 0.2934, 0.2965



71.9269, 0.3507, 0.3510



71.9269, 0.3316, 0.3634

Sweetspot

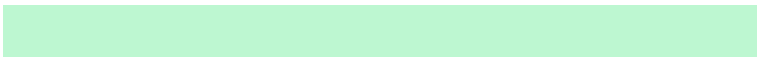
The Sweet Spot groups the original color and five complimentary colors.



71.9298, 0.2761, 0.3056



92.7087, 0.3019, 0.3226



81.9699, 0.2982, 0.3714



19.7134, 0.3009, 0.3220



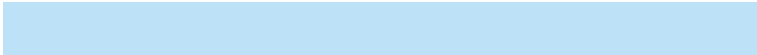
0.0000, 0.0000, 0.0000



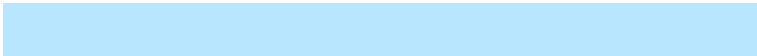
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9298, 0.2761, 0.3056



73.4561, 0.2689, 0.3004



57.8227, 0.2734, 0.2729



17.6879, 0.2980, 0.3202



16.6573, 0.1904, 0.2056



1.6588, 0.1952, 0.2228

Inverse Universe

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



61.6908, 0.3314, 0.2908



61.0379, 0.3360, 0.2830



84.7813, 0.3501, 0.3795



16.6603, 0.3194, 0.3140



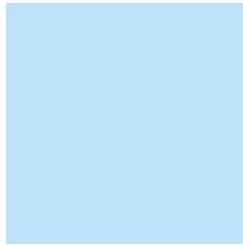
11.7809, 0.4390, 0.2192



1.0551, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 71.9269, 0.2761, 0.3056 looks on a white background.

Color Contrast Check

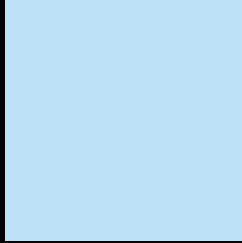
Large Text (above 18pt) WCAG AA × Fail

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 71.9269, 0.2761, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

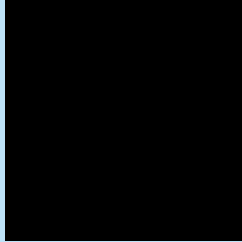
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

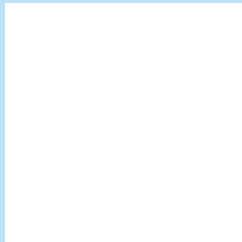
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9269, 0.2761, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 71.9269, 0.2761, 0.3056.

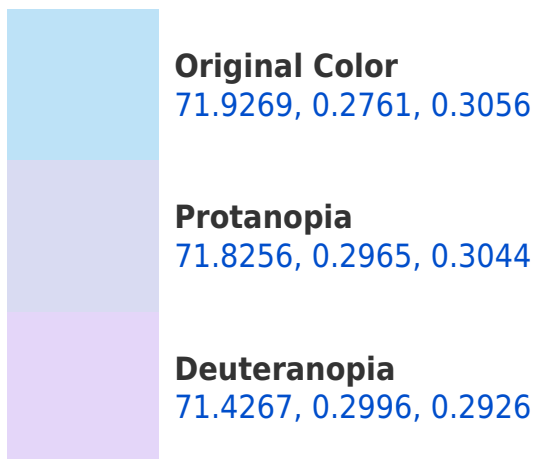


This preview shows how white text looks on a background with the Yxy color 71.9269, 0.2761, 0.3056.

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

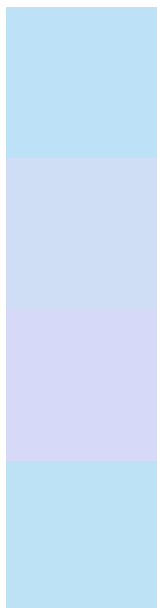




Tritanopia

71.7432, 0.2777, 0.3089

Trichromacy



Original Color

71.9269, 0.2761, 0.3056

Protanomaly

72.0396, 0.2888, 0.3051

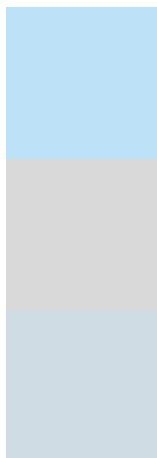
Deuteranomaly

71.2163, 0.2908, 0.2969

Tritanomaly

71.8041, 0.2772, 0.3078

Monochromacy



Original Color

71.9269, 0.2761, 0.3056

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0532, 0.2985, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9269, 0.2761, 0.3056 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(189, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 226, 247)  
}
```

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(189, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.9269, 0.2761, 0.3056 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(189, 226, 247) }
```

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

```
.border{ border-color:rgb(189, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 226,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9269, 0.2761, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 226, 247) }
```

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

```
.background{ background-color: rgb(189,  
226, 247) }
```

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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