

Converting Colors

$Yxy(74.2917, 0.2745, 0.3032)$

Have a look what the booklet for
Yxy(74.2917, 0.2745, 0.3032)
contains.

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Color

Yxy(74.2068, 0.2743, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	BFE5FD
RGB	191, 229, 253
RGB Percent	75%, 90%, 99%
CMY	0.2507, 0.1020, 0.0079
CMYK	0.24, 0.09, 0.00, 0.01
HSL	203°, 94%, 87%
HSV	203°, 24%, 99%
XYZ	67.2445, 74.2068, 103.6983
YIQ	220.3740, -30.3520, -0.5920

Conversions

Conversions Part 2

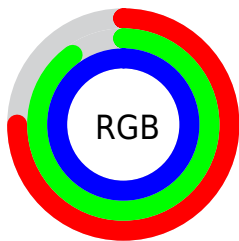
Format	Color
R_{YB}	191, 215, 253
Decimal	12576253
CIE _{Lab}	89.02, -7.14, -15.70
CIE _{LCh}	89, 17.253, 245.540
Yxy	74.2068, 0.2743, 0.3027
Android (android.graphics.Color)	4290766333 (0xFFBFE5FD)
YUV	220.3740, 16.0846, -25.7610
Hunter-Lab	86.1434, -11.4116, -11.0722

Details

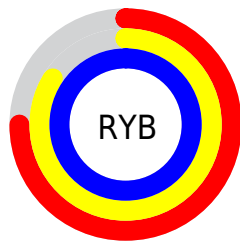
The Yxy color **74.2068, 0.2743, 0.3027** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2774, 0.3585, 0.3539**, and the grayscale version is **71.7551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.4919, 0.2656, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **65.9337, 0.2587, 0.2901**, and if you desaturate by 10%, it is **83.3589, 0.2901, 0.3142**.

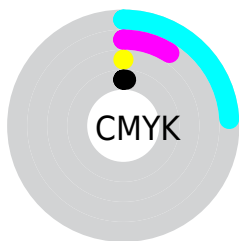
Distribution



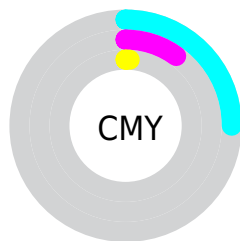
- Red (75%)
- Green (90%)
- Blue (99%)



- Red (75%)
- Yellow (84%)
- Blue (99%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2068, 0.2743, 0.3027 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 74.2068, 0.2743, 0.3027 by changing the saturation by 10% instead.

■ 74.2068, 0.2743,
0.3027

■ 74.2068, 0.2743,
0.3027

■ 475.1868, 0.2918,
0.3150

■ 54.9633, 0.2704,
0.2999

■ 125.1889, 0.2803,
0.3070

■ 39.3724, 0.2656,
0.2964

■ 157.6963, 0.2827,
0.3086

■ 27.0495, 0.2596,
0.2920

■ 195.3939, 0.2847,
0.3100

■ 17.6104, 0.2518,
0.2863

■ 238.6659, 0.2865,
0.3113

■ 10.6707, 0.2415,
0.2785

■ 287.8968, 0.2880,
0.3124

■ 5.8458, 0.2270,
0.2673

■ 343.4710, 0.2894,

■ 2.7516, 0.2054,

0.3133

0.2500

405.7729, 0.2907,
0.3142

■ 1.0034, 0.1702,
0.2205

■ 0.0000, 0.0000,
0.0000

■ 74.2068, 0.2743,
0.3027

■ 74.2068, 0.2743,
0.3027

■ 65.9337, 0.2587,
0.2901

■ 83.3589, 0.2901,
0.3142

■ 58.4965, 0.2436,
0.2766

■ 93.4128, 0.3058,
0.3247

■ 51.8613, 0.2294,
0.2622

■ 99.8712, 0.3139,
0.3309

■ 45.9879, 0.2167,
0.2473

■ 40.8313, 0.2057,
0.2321

■ 36.3400, 0.1969,
0.2169

■ 32.4520, 0.1902,
0.2021

■ 30.5170, 0.1873,
0.1941

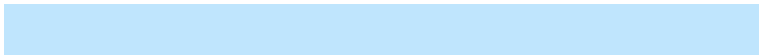
Harmonies

Analogous

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



74.2068, 0.2750, 0.3180



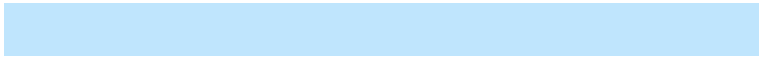
74.2068, 0.2743, 0.3027



74.2068, 0.2835, 0.2950

Triad

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



74.2068, 0.2743, 0.3027



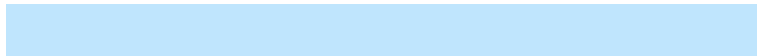
74.2068, 0.3404, 0.3203



74.2068, 0.3239, 0.3645

Complementary

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



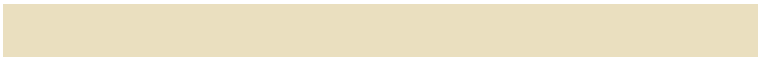
74.2068, 0.2743, 0.3027



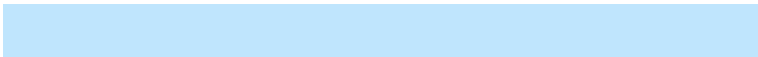
73.2774, 0.3585, 0.3539

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.



74.2068, 0.3421, 0.3640



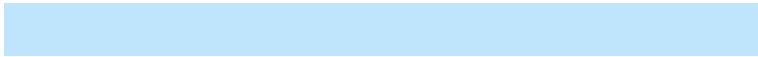
74.2068, 0.2743, 0.3027



74.2068, 0.3520, 0.3379

Square

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



74.2068, 0.2743, 0.3027



74.2068, 0.3214, 0.3053



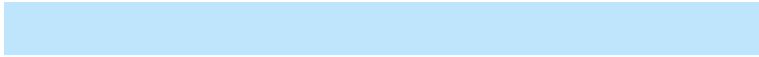
74.2068, 0.3526, 0.3539



74.2068, 0.3032, 0.3546

Rectangle

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



74.2068, 0.2743, 0.3027



74.2068, 0.2942, 0.2948



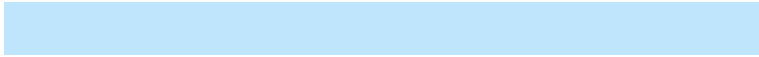
74.2068, 0.3526, 0.3539



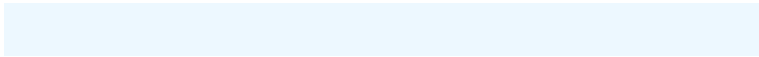
74.2068, 0.3306, 0.3655

Sweetspot

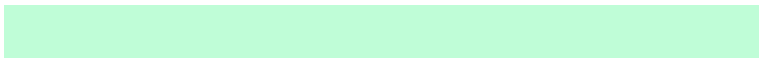
The Sweet Spot groups the original color and five complimentary colors.



74.2098, 0.2743, 0.3027



92.4360, 0.3019, 0.3221



86.2251, 0.2965, 0.3712



19.6502, 0.3009, 0.3215



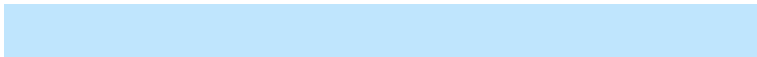
0.0000, 0.0000, 0.0000



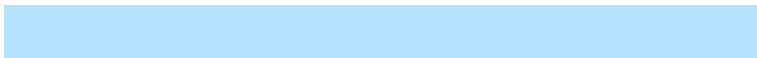
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2098, 0.2743, 0.3027



71.6288, 0.2672, 0.2971



58.6957, 0.2713, 0.2677



19.2300, 0.2979, 0.3196



16.5267, 0.1879, 0.1965



1.8213, 0.1926, 0.2132

Inverse Universe

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



63.8266, 0.3336, 0.2905



59.8379, 0.3385, 0.2831



90.4141, 0.3514, 0.3837



18.1741, 0.3198, 0.3145



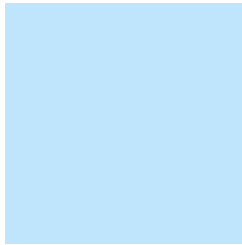
12.3963, 0.4493, 0.2249



1.2284, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 74.2068, 0.2743, 0.3027 looks on a white background.

Color Contrast Check

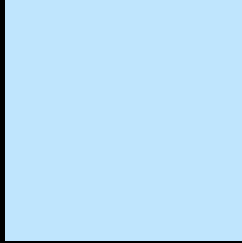
Large Text (above 18pt) WCAG AA × Fail

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 74.2068, 0.2743, 0.3027 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 74.2068, 0.2743, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 74.2068, 0.2743, 0.3027.



This preview shows how white text looks on a background with the Yxy color 74.2068, 0.2743, 0.3027.

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

74.2068, 0.2743, 0.3027

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

74.0208, 0.2965, 0.2910



Tritanopia

74.3181, 0.2765, 0.3091

Trichromacy



Original Color

74.2068, 0.2743, 0.3027

Protanomaly

74.3079, 0.2867, 0.3022

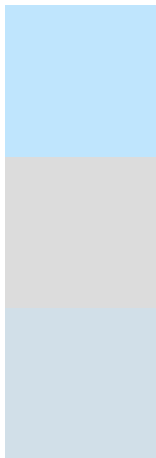
Deuteranomaly

73.8454, 0.2880, 0.2953

Tritanomaly

74.4429, 0.2754, 0.3070

Monochromacy



Original Color

74.2068, 0.2743, 0.3027

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1569, 0.2974, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2068, 0.2743, 0.3027 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(191, 229, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 229, 253)  
}
```

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(191, 229, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 229, 253) }
```

Border

The CSS property to change the border of an element to Yxy 74.2068, 0.2743, 0.3027 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(191, 229, 253) }
```

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

```
.border{ border-color:rgb(191, 229, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 229, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 229, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 229, 253); box-shadow:4px 4px 4px 4px rgb(191, 229, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2068, 0.2743, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 229, 253) }
```

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

```
.background{ background-color: rgb(191,  
229, 253) }
```

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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