

Converting Colors

$Yxy(73.1929, 0.2724, 0.3067)$

Have a look what the booklet for
Yxy(73.1929, 0.2724, 0.3067)
contains.

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Color

Yxy(73.0685, 0.2723, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	B8E5F9
RGB	184, 229, 249
RGB Percent	72%, 90%, 98%
CMY	0.2787, 0.1019, 0.0236
CMYK	0.26, 0.08, 0.00, 0.02
HSL	198°, 84%, 85%
HSV	198°, 26%, 98%
XYZ	64.8730, 73.0685, 100.2994
YIQ	217.8250, -33.2400, -3.3200

Conversions

Conversions Part 2

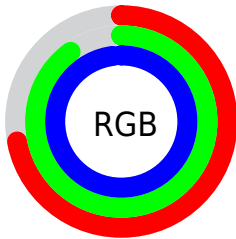
Format	Color
RYB	184, 211, 249
Decimal	12117497
CIELab	88.48, -10.12, -14.46
CIELCh	88, 17.649, 235.022
Yxy	73.0685, 0.2723, 0.3067
Android (android.graphics.Color)	4290307577 (0xFFB8E5F9)
YUV	217.8250, 15.3693, -29.6645
Hunter-Lab	85.4801, -14.1221, -9.7328

Details

The Yxy color **73.0685, 0.2723, 0.3067** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.7409, 0.3636, 0.3502**, and the grayscale version is **69.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **38.7895, 0.2626, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **66.1252, 0.2574, 0.2967**, and if you desaturate by 10%, it is **80.7451, 0.2877, 0.3159**.

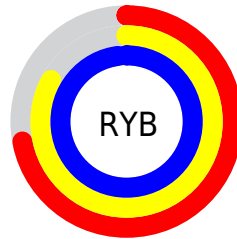
Distribution



Red (72%)

Green (90%)

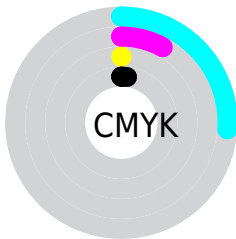
Blue (98%)



Red (72%)

Yellow (83%)

Blue (98%)

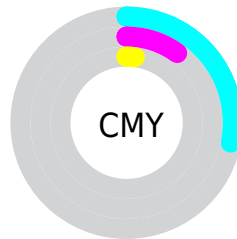


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0685, 0.2723, 0.3067 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 73.0685, 0.2723, 0.3067 by changing the saturation by 10% instead.

73.0685, 0.2723,
0.3067

73.0685, 0.2723,
0.3067

471.2522, 0.2907,
0.3172

54.0320, 0.2682,
0.3043

123.5745, 0.2786,
0.3104

38.6272, 0.2631,
0.3012

155.8127, 0.2811,
0.3118

26.4699, 0.2567,
0.2973

193.2202, 0.2833,
0.3130

17.1755, 0.2485,
0.2922

236.1816, 0.2851,
0.3141

10.3597, 0.2375,
0.2852

285.0810, 0.2868,
0.3150

5.6381, 0.2222,
0.2750

340.3030, 0.2882,

2.6263, 0.1992,

0.3158

0.2590

402.2319, 0.2896,
0.3166

0.9399, 0.1589,
0.2314

0.0000, 0.0000,
0.0000

73.0685, 0.2723,
0.3067

73.0685, 0.2723,
0.3067

66.1252, 0.2574,
0.2967

80.7451, 0.2877,
0.3159

59.8756, 0.2433,
0.2861

89.1748, 0.3032,
0.3243

54.2894, 0.2305,
0.2749

97.6908, 0.3164,
0.3318

49.3296, 0.2192,
0.2633

99.6191, 0.3162,
0.3347

■ 44.9551, 0.2098,
0.2514

■ 41.1178, 0.2025,
0.2396

■ 37.7587, 0.1972,
0.2280

■ 36.5519, 0.1954,
0.2236

Harmonies

Analogous

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



73.0685, 0.2766, 0.3244



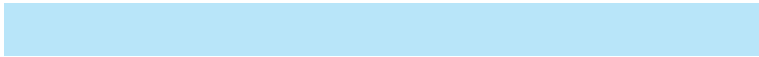
73.0685, 0.2723, 0.3067



73.0685, 0.2783, 0.2958

Triad

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



73.0685, 0.2723, 0.3067



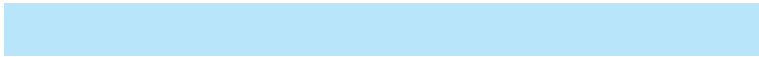
73.0685, 0.3350, 0.3142



73.0685, 0.3314, 0.3666

Complementary

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



73.0685, 0.2723, 0.3067



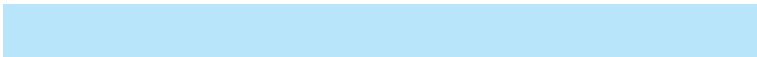
66.7409, 0.3636, 0.3502

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.



73.0685, 0.3479, 0.3623



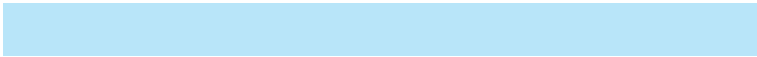
73.0685, 0.2723, 0.3067



73.0685, 0.3501, 0.3317

Square

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



73.0685, 0.2723, 0.3067



73.0685, 0.3140, 0.3005



73.0685, 0.3549, 0.3493



73.0685, 0.3103, 0.3601

Rectangle

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



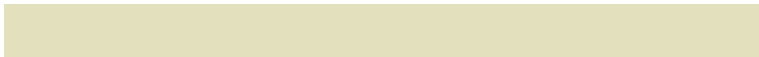
73.0685, 0.2723, 0.3067



73.0685, 0.2875, 0.2934



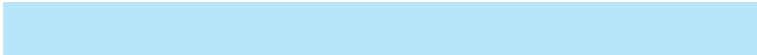
73.0685, 0.3549, 0.3493



73.0685, 0.3377, 0.3663

Sweetspot

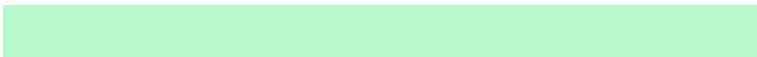
The Sweet Spot groups the original color and five complimentary colors.



73.0714, 0.2723, 0.3067



92.4028, 0.3003, 0.3228



82.2631, 0.2984, 0.3809



19.4849, 0.2980, 0.3215



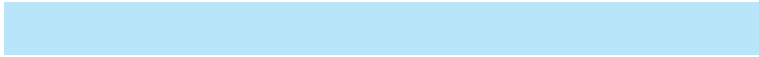
0.0000, 0.0000, 0.0000



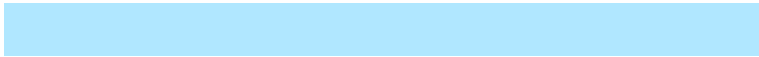
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0714, 0.2723, 0.3067



73.4448, 0.2649, 0.3019



56.9321, 0.2688, 0.2694



18.6565, 0.2980, 0.3215



19.8304, 0.1960, 0.2254



2.0242, 0.1998, 0.2393

Inverse Universe

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



60.0527, 0.3311, 0.2827



58.0453, 0.3355, 0.2737



83.5769, 0.3554, 0.3823



17.4285, 0.3185, 0.3127



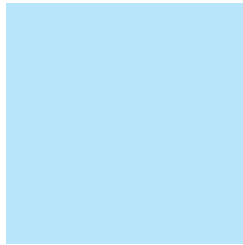
12.4128, 0.4174, 0.2073



1.1686, 0.4030, 0.1994

Previews

White Background



This preview shows how the Yxy color 73.0685, 0.2723, 0.3067 looks on a white background.

Color Contrast Check

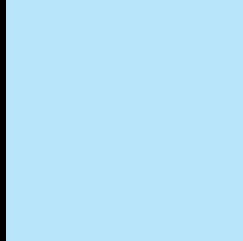
Large Text (above 18pt) WCAG AA × Fail

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 73.0685, 0.2723, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

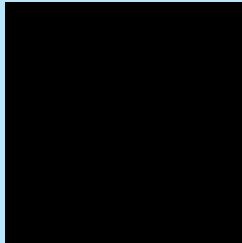
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0685, 0.2723, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 73.0685, 0.2723, 0.3067.

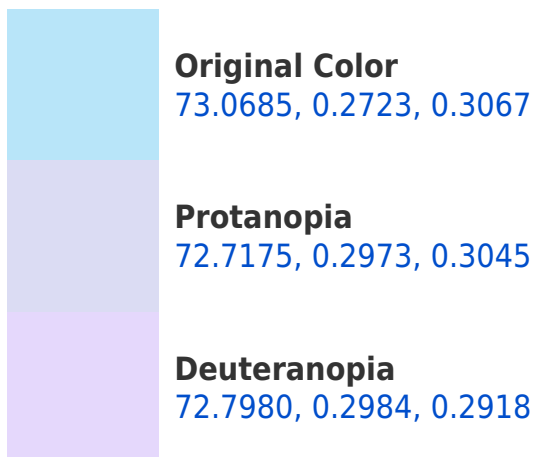


This preview shows how white text looks on a background with the Yxy color 73.0685, 0.2723, 0.3067.

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

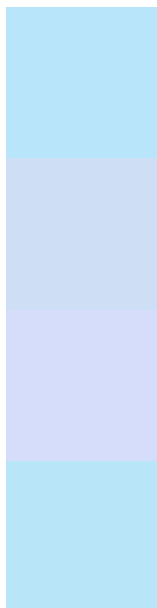




Tritanopia

73.0063, 0.2729, 0.3078

Trichromacy



Original Color

73.0685, 0.2723, 0.3067

Protanomaly

72.4897, 0.2876, 0.3051

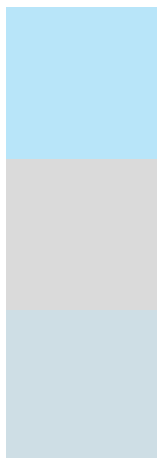
Deuteranomaly

72.8241, 0.2885, 0.2971

Tritanomaly

73.0063, 0.2729, 0.3078

Monochromacy



Original Color

73.0685, 0.2723, 0.3067

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0215, 0.2972, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0685, 0.2723, 0.3067 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, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 249)  
}
```

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, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 249) }
```

Border

The CSS property to change the border of an element to Yxy 73.0685, 0.2723, 0.3067 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, 229, 249) }
```

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

```
.border{ border-color:rgb(184, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0685, 0.2723, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 249) }
```

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

```
.background{ background-color: rgb(184,  
229, 249) }
```

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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