

Converting Colors

$Yxy(75.2444, 0.2768, 0.3067)$

Have a look what the booklet for
Yxy(75.2444, 0.2768, 0.3067)
contains.

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Color

Yxy(75.4543, 0.2767, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	C1E7FB
RGB	193, 231, 251
RGB Percent	76%, 91%, 98%
CMY	0.2431, 0.0941, 0.0156
CMYK	0.23, 0.08, 0.00, 0.02
HSL	201°, 88%, 87%
HSV	201°, 23%, 98%
XYZ	67.9850, 75.4543, 102.2601
YIQ	221.9180, -29.0680, -1.8360

Conversions

Conversions Part 2

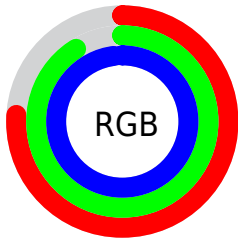
Format	Color
R _Y B	193, 216, 251
Decimal	12707835
CIE Lab	89.61, -8.04, -13.78
CIE LCh	90, 15.954, 239.751
Yxy	75.4543, 0.2767, 0.3071
Android (android.graphics.Color)	4290897915 (0xFFC1E7FB)
YUV	221.9180, 14.3374, -25.3611
Hunter-Lab	86.8644, -12.3085, -8.9933

Details

The Yxy color **75.4543, 0.2767, 0.3071** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9677, 0.3560, 0.3499**, and the grayscale version is **72.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **39.9583, 0.2685, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **67.7033, 0.2613, 0.2961**, and if you desaturate by 10%, it is **84.0113, 0.2923, 0.3172**.

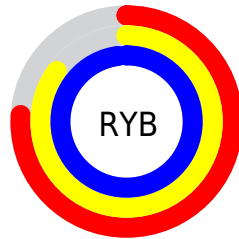
Distribution



Red (76%)

Green (91%)

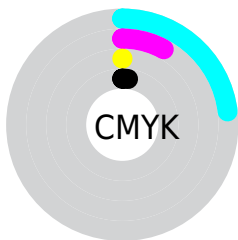
Blue (98%)



Red (76%)

Yellow (85%)

Blue (98%)

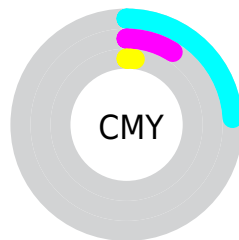


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4543, 0.2767, 0.3071 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 75.4543, 0.2767, 0.3071 by changing the saturation by 10% instead.

■ 75.4543, 0.2767,
0.3071

■ 75.4543, 0.2767,
0.3071

■ 479.4776, 0.2931,
0.3173

■ 55.9851, 0.2730,
0.3048

■ 126.9552, 0.2823,
0.3107

■ 40.1910, 0.2686,
0.3018

■ 159.7558, 0.2845,
0.3120

■ 27.6875, 0.2629,
0.2982

■ 197.7690, 0.2864,
0.3132

■ 18.0902, 0.2557,
0.2933

■ 241.3791, 0.2881,
0.3143

■ 11.0148, 0.2461,
0.2868

■ 290.9707, 0.2895,
0.3152

■ 6.0768, 0.2325,
0.2773

■ 346.9280, 0.2909,

■ 2.8918, 0.2124,

0.3160

0.2626

409.6355, 0.2920,
0.3167

■ 1.0755, 0.1796,
0.2371

■ 0.0000, 0.0000,
0.0000

■ 75.4543, 0.2767,
0.3071

■ 75.4543, 0.2767,
0.3071

■ 67.7033, 0.2613,
0.2961

■ 84.0113, 0.2923,
0.3172

■ 60.7175, 0.2466,
0.2842

■ 93.3947, 0.3079,
0.3264

■ 54.4657, 0.2328,
0.2717

■ 99.7461, 0.3150,
0.3328

■ 48.9104, 0.2205,
0.2586

■ 44.0100, 0.2099,
0.2452

■ 39.7167, 0.2014,
0.2318

■ 35.9731, 0.1950,
0.2185

■ 33.6566, 0.1916,
0.2096

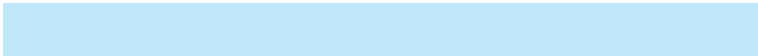
Harmonies

Analogous

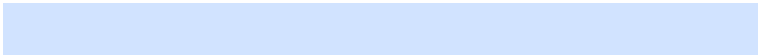
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4543, 0.2791, 0.3222



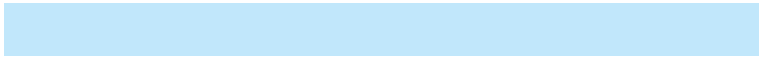
75.4543, 0.2767, 0.3071



75.4543, 0.2835, 0.2984

Triad

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



75.4543, 0.2767, 0.3071



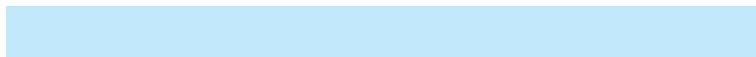
75.4543, 0.3352, 0.3181



75.4543, 0.3267, 0.3623

Complementary

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



75.4543, 0.2767, 0.3071



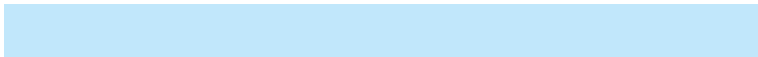
71.9677, 0.3560, 0.3499

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.



75.4543, 0.3423, 0.3600



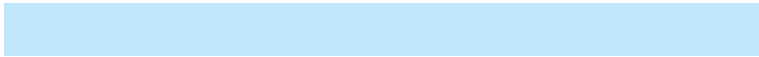
75.4543, 0.2767, 0.3071



75.4543, 0.3475, 0.3341

Square

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



75.4543, 0.2767, 0.3071



75.4543, 0.3170, 0.3050



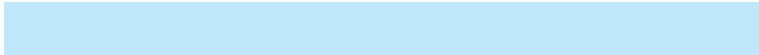
75.4543, 0.3501, 0.3495



75.4543, 0.3076, 0.3549

Rectangle

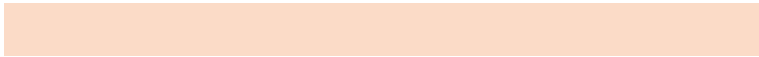
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4543, 0.2767, 0.3071



75.4543, 0.2926, 0.2971



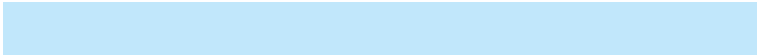
75.4543, 0.3501, 0.3495



75.4543, 0.3325, 0.3626

Sweetspot

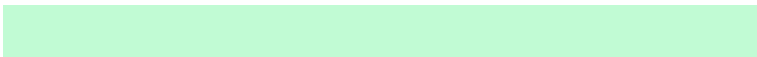
The Sweet Spot groups the original color and five complimentary colors.



75.4574, 0.2767, 0.3071



92.9028, 0.3019, 0.3229



85.1152, 0.2990, 0.3719



19.7584, 0.3009, 0.3223



0.0000, 0.0000, 0.0000



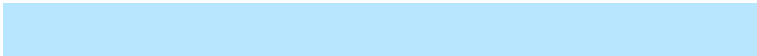
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4574, 0.2767, 0.3071



74.1550, 0.2691, 0.3018



60.8674, 0.2741, 0.2749



18.5410, 0.2980, 0.3206



17.9711, 0.1922, 0.2118



1.8620, 0.1965, 0.2274

Inverse Universe

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



64.4285, 0.3303, 0.2904



61.1084, 0.3350, 0.2818



87.4810, 0.3497, 0.3778



17.4168, 0.3191, 0.3136



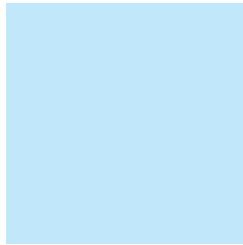
12.2251, 0.4322, 0.2154



1.1522, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 75.4543, 0.2767, 0.3071 looks on a white background.

Color Contrast Check

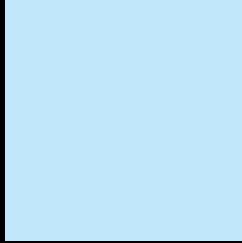
Large Text (above 18pt) WCAG AA × Fail

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 75.4543, 0.2767, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

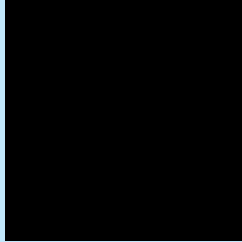
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

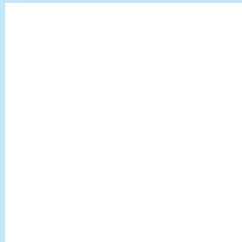
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4543, 0.2767, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 75.4543, 0.2767, 0.3071.

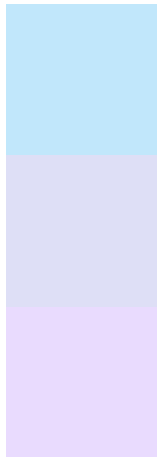


This preview shows how white text looks on a background with the Yxy color 75.4543, 0.2767, 0.3071.

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

75.4543, 0.2767, 0.3071

Protanopia

74.9588, 0.2975, 0.3048

Deuteranopia

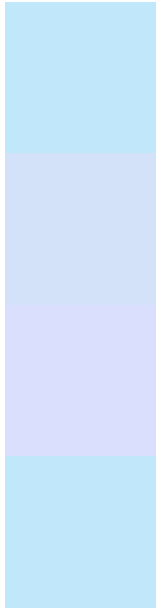
75.1424, 0.2999, 0.2933



Tritanopia

75.3914, 0.2772, 0.3082

Trichromacy



Original Color

75.4543, 0.2767, 0.3071

Protanomaly

75.0189, 0.2891, 0.3055

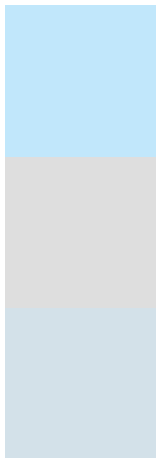
Deuteranomaly

74.7726, 0.2906, 0.2975

Tritanomaly

75.3914, 0.2772, 0.3082

Monochromacy



Original Color

75.4543, 0.2767, 0.3071

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5825, 0.2981, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4543, 0.2767, 0.3071 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(193, 231, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 251)  
}
```

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(193, 231, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 251) }
```

Border

The CSS property to change the border of an element to Yxy 75.4543, 0.2767, 0.3071 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(193, 231, 251) }
```

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

```
.border{ border-color:rgb(193, 231, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4543, 0.2767, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 251) }
```

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

```
.background{ background-color: rgb(193,  
231, 251) }
```

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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