

Converting Colors

$Yxy(74.7976, 0.2677, 0.2839)$

Have a look what the booklet for
Yxy(74.7976, 0.2677, 0.2839)
contains.

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Color

Yxy(73.7603, 0.2754, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	C3E3FF
RGB	195, 227, 255
RGB Percent	76%, 89%, 100%
CMY	0.2351, 0.1098, 0.0001
CMYK	0.24, 0.11, 0.00, 0.00
HSL	208°, 100%, 88%
HSV	208°, 24%, 100%
XYZ	68.0294, 73.7603, 105.2307
YIQ	220.6240, -28.0600, 1.9240

Conversions

Conversions Part 2

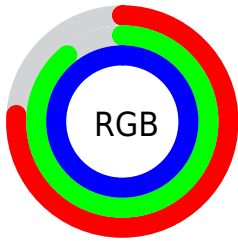
Format	Color
R_{YB}	195, 216, 255
Decimal	12837887
CIE _{Lab}	88.81, -4.51, -17.03
CIE _{LCh}	89, 17.619, 255.178
Yxy	73.7603, 0.2754, 0.2986
Android (android.graphics.Color)	4291027967 (0xFFC3E3FF)
YUV	220.6240, 16.9474, -22.4722
Hunter-Lab	85.8838, -8.9051, -12.5275

Details

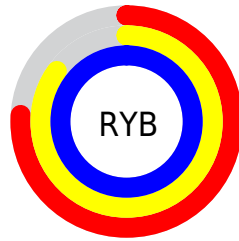
The Yxy color **73.7603, 0.2754, 0.2986** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.9825, 0.3553, 0.3576**, and the grayscale version is **71.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **39.1577, 0.2668, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **64.3635, 0.2591, 0.2834**, and if you desaturate by 10%, it is **84.1931, 0.2916, 0.3125**.

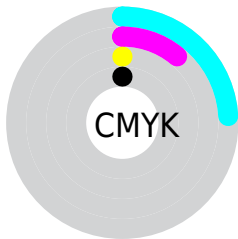
Distribution



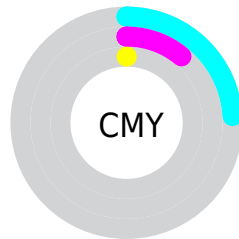
- Red (76%)
- Green (89%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7603, 0.2754, 0.2986 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 73.7603, 0.2754, 0.2986 by changing the saturation by 10% instead.

■ 73.7603, 0.2754,
0.2986

■ 73.7603, 0.2754,
0.2986

■ 473.6457, 0.2924,
0.3127

■ 54.5979, 0.2716,
0.2954

■ 124.5560, 0.2813,
0.3035

■ 39.0799, 0.2669,
0.2914

■ 156.9580, 0.2835,
0.3054

■ 26.8219, 0.2610,
0.2865

■ 194.5420, 0.2855,
0.3070

■ 17.4395, 0.2534,
0.2800

■ 237.6924, 0.2873,
0.3084

■ 10.5483, 0.2433,
0.2712

■ 286.7936, 0.2888,
0.3097

■ 5.7640, 0.2291,
0.2587

■ 342.2299, 0.2901,

■ 2.7021, 0.2079,

0.3108

0.2397

404.3858, 0.2913,
0.3118

0.9783, 0.1736,
0.2078

0.0000, 0.0000,
0.0000

73.7603, 0.2754,
0.2986

73.7603, 0.2754,
0.2986

64.3635, 0.2591,
0.2834

84.1931, 0.2916,
0.3125

55.9552, 0.2431,
0.2670

95.6891, 0.3073,
0.3250

48.4972, 0.2278,
0.2495

99.9979, 0.3127,
0.3290

41.9444, 0.2138,
0.2313

■ 36.2471, 0.2014,
0.2128

■ 31.3491, 0.1912,
0.1945

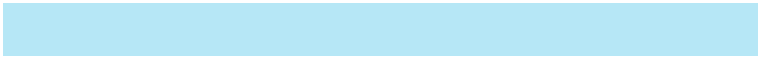
■ 27.1833, 0.1834,
0.1768

■ 24.8107, 0.1794,
0.1658

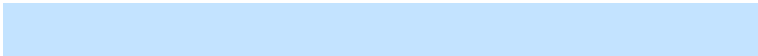
Harmonies

Analogous

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



73.7603, 0.2728, 0.3120



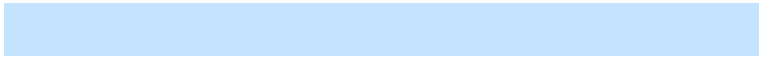
73.7603, 0.2754, 0.2986



73.7603, 0.2877, 0.2936

Triad

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



73.7603, 0.2754, 0.2986



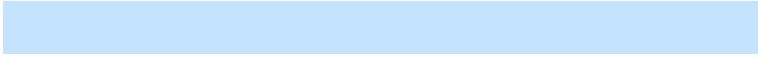
73.7603, 0.3460, 0.3258



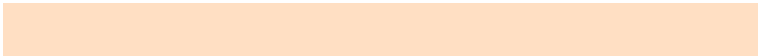
73.7603, 0.3174, 0.3632

Complementary

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



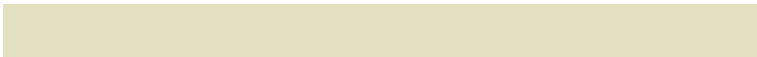
73.7603, 0.2754, 0.2986



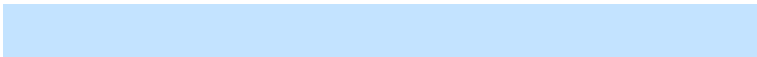
77.9825, 0.3553, 0.3576

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.



73.7603, 0.3375, 0.3662



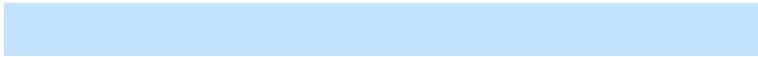
73.7603, 0.2754, 0.2986



73.7603, 0.3544, 0.3437

Square

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



73.7603, 0.2754, 0.2986



73.7603, 0.3284, 0.3092



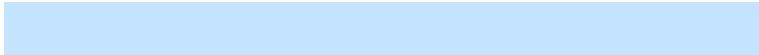
73.7603, 0.3512, 0.3586



73.7603, 0.2965, 0.3501

Rectangle

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



73.7603, 0.2754, 0.2986



73.7603, 0.3000, 0.2953



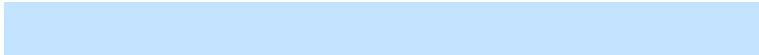
73.7603, 0.3512, 0.3586



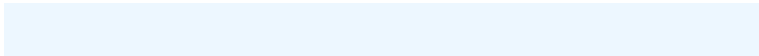
73.7603, 0.3244, 0.3654

Sweetspot

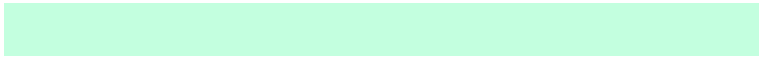
The Sweet Spot groups the original color and five complimentary colors.



73.7633, 0.2754, 0.2986



91.5686, 0.3019, 0.3207



88.4364, 0.2944, 0.3637



19.4492, 0.3009, 0.3200



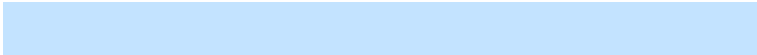
0.0000, 0.0000, 0.0000



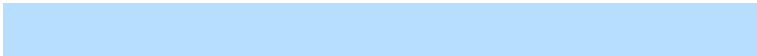
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7633, 0.2754, 0.2986



69.4281, 0.2681, 0.2919



58.7807, 0.2726, 0.2647



18.9816, 0.2979, 0.3176



13.2698, 0.1802, 0.1686



1.5108, 0.1856, 0.1882

Inverse Universe

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



65.8524, 0.3362, 0.2967



60.6312, 0.3420, 0.2903



95.4280, 0.3488, 0.3861



18.1490, 0.3210, 0.3164



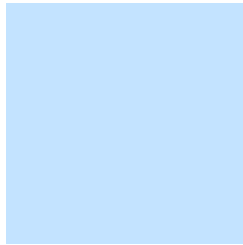
12.0676, 0.4824, 0.2431



1.1971, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 73.7603, 0.2754, 0.2986 looks on a white background.

Color Contrast Check

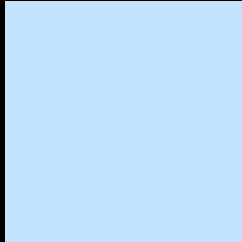
Large Text (above 18pt) WCAG AA × Fail

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 73.7603, 0.2754, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

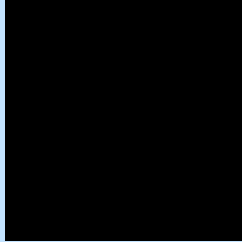
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

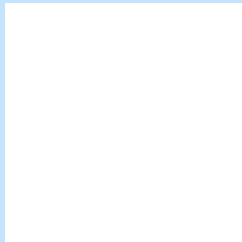
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7603, 0.2754, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 73.7603, 0.2754, 0.2986.



This preview shows how white text looks on a background with the Yxy color 73.7603, 0.2754, 0.2986.

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

73.7603, 0.2754, 0.2986

Protanopia

73.5834, 0.2917, 0.2974

Deuteranopia

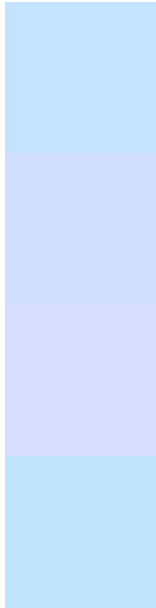
73.1766, 0.2952, 0.2898



Tritanopia

73.5397, 0.2786, 0.3080

Trichromacy



Original Color

73.7603, 0.2754, 0.2986

Protanomaly

73.5053, 0.2860, 0.2981

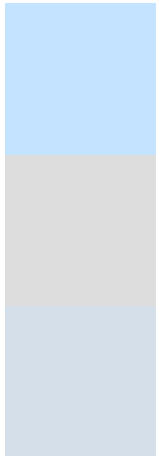
Deuteranomaly

73.3800, 0.2874, 0.2932

Tritanomaly

73.8583, 0.2776, 0.3049

Monochromacy



Original Color

73.7603, 0.2754, 0.2986

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6556, 0.2988, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7603, 0.2754, 0.2986 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(195, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 255)  
}
```

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(195, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.7603, 0.2754, 0.2986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

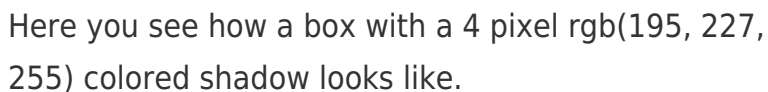
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 227, 255) }
```

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

```
.border{ border-color:rgb(195, 227, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 227, 255); box-shadow:4px 4px 4px 4px rgb(195, 227, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7603, 0.2754, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 227, 255) }
```

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

```
.background{ background-color: rgb(195,  
227, 255) }
```

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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