

Converting Colors

$Yxy(73.1151, 0.2751, 0.2973)$

Have a look what the booklet for
Yxy(73.1151, 0.2751, 0.2973)
contains.

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Color

Yxy(73.2148, 0.2753, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	C3E2FF
RGB	195, 226, 255
RGB Percent	76%, 89%, 100%
CMY	0.2352, 0.1137, 0.0002
CMYK	0.24, 0.11, 0.00, 0.00
HSL	209°, 100%, 88%
HSV	209°, 24%, 100%
XYZ	67.7514, 73.2148, 105.1340
YIQ	220.0370, -27.7850, 2.4470

Conversions

Conversions Part 2

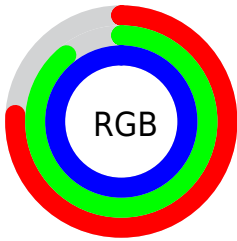
Format	Color
R_{YB}	195, 215, 255
Decimal	12837631
CIE Lab	88.55, -4.00, -17.42
CIE LCh	89, 17.873, 257.064
Yxy	73.2148, 0.2753, 0.2975
Android (android.graphics.Color)	4291027711 (0xFFC3E2FF)
YUV	220.0370, 17.2368, -21.9574
Hunter-Lab	85.5656, -8.4025, -12.9533

Details

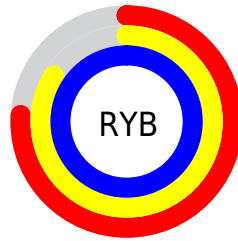
The Yxy color **73.2148, 0.2753, 0.2975** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.4966, 0.3551, 0.3586**, and the grayscale version is **71.4929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.7785, 0.2667, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **63.6452, 0.2589, 0.2817**, and if you desaturate by 10%, it is **83.8516, 0.2915, 0.3119**.

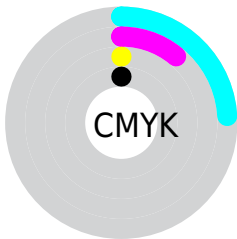
Distribution



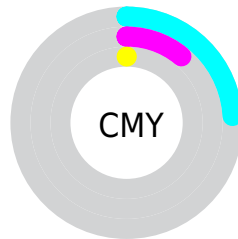
- Red (76%)
- Green (89%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- 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 73.2148, 0.2753, 0.2975 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 73.2148, 0.2753, 0.2975 by changing the saturation by 10% instead.

73.2148, 0.2753,
0.2975

73.2148, 0.2753,
0.2975

471.7589, 0.2924,
0.3121

54.1516, 0.2715,
0.2942

123.7821, 0.2812,
0.3025

38.7229, 0.2667,
0.2901

156.0550, 0.2835,
0.3045

26.5442, 0.2608,
0.2849

193.4999, 0.2855,
0.3062

17.2312, 0.2532,
0.2782

236.5013, 0.2872,
0.3077

10.3995, 0.2430,
0.2691

285.4435, 0.2887,
0.3090

5.6646, 0.2286,
0.2562

340.7109, 0.2901,

2.6422, 0.2072,

0.3101

0.2366

402.6879, 0.2913,
0.3112

■ 0.9479, 0.1724,
0.2037

■ 0.0000, 0.0000,
0.0000

■ 73.2148, 0.2753,
0.2975

■ 73.2148, 0.2753,
0.2975

■ 63.6452, 0.2589,
0.2817

■ 83.8516, 0.2915,
0.3119

■ 55.0943, 0.2427,
0.2647

■ 95.5837, 0.3073,
0.3248

■ 47.5227, 0.2272,
0.2465

■ 99.9974, 0.3127,
0.3290

■ 40.8844, 0.2129,
0.2277

■ 35.1285, 0.2003,
0.2085

■ 30.1973, 0.1899,
0.1896

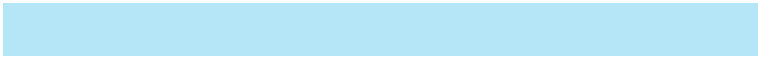
■ 26.0228, 0.1819,
0.1715

■ 23.6591, 0.1778,
0.1602

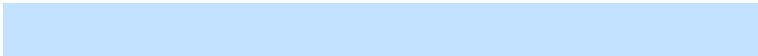
Harmonies

Analogous

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



73.2148, 0.2720, 0.3106



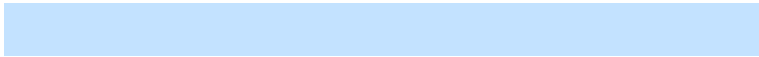
73.2148, 0.2753, 0.2975



73.2148, 0.2883, 0.2930

Triad

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



73.2148, 0.2753, 0.2975



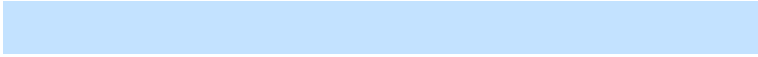
73.2148, 0.3474, 0.3269



73.2148, 0.3161, 0.3633

Complementary

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



73.2148, 0.2753, 0.2975



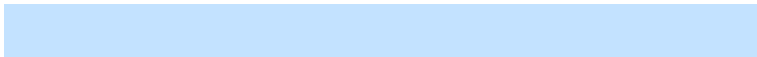
78.4966, 0.3551, 0.3586

Split Complementary

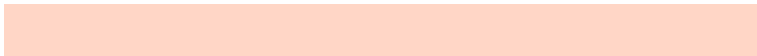
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2148, 0.3367, 0.3669



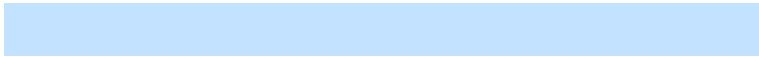
73.2148, 0.2753, 0.2975



73.2148, 0.3553, 0.3451

Square

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



73.2148, 0.2753, 0.2975



73.2148, 0.3299, 0.3098



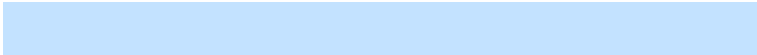
73.2148, 0.3512, 0.3599



73.2148, 0.2950, 0.3494

Rectangle

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



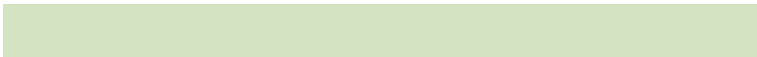
73.2148, 0.2753, 0.2975



73.2148, 0.3011, 0.2951



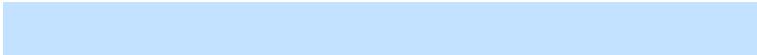
73.2148, 0.3512, 0.3599



73.2148, 0.3233, 0.3657

Sweetspot

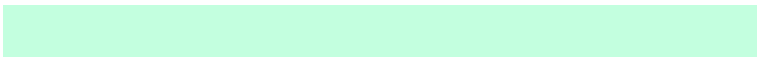
The Sweet Spot groups the original color and five complimentary colors.



73.2178, 0.2753, 0.2975



91.3907, 0.3019, 0.3204



88.4279, 0.2944, 0.3637



19.4080, 0.3009, 0.3197



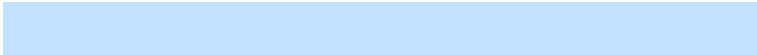
0.0000, 0.0000, 0.0000



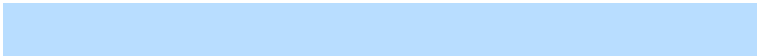
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2178, 0.2753, 0.2975



68.8118, 0.2679, 0.2906



58.7670, 0.2726, 0.2647



18.9308, 0.2979, 0.3172



12.6673, 0.1786, 0.1630



1.4522, 0.1842, 0.1831

Inverse Universe

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



65.7861, 0.3370, 0.2977



60.5690, 0.3430, 0.2914



95.4207, 0.3488, 0.3861



18.1439, 0.3213, 0.3168



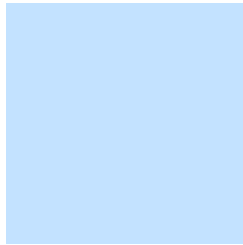
12.0067, 0.4893, 0.2469



1.1911, 0.4648, 0.2334

Previews

White Background



This preview shows how the Yxy color 73.2148, 0.2753, 0.2975 looks on a white background.

Color Contrast Check

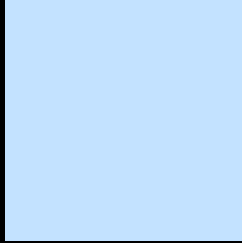
Large Text (above 18pt) WCAG AA × Fail

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 73.2148, 0.2753, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

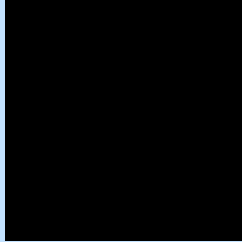
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

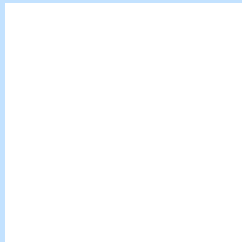
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2148, 0.2753, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 73.2148, 0.2753, 0.2975.



This preview shows how white text looks on a background with the Yxy color 73.2148, 0.2753, 0.2975.

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

73.2148, 0.2753, 0.2975

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

73.0145, 0.2945, 0.2897



Tritanopia

73.4781, 0.2792, 0.3091

Trichromacy



Original Color

73.2148, 0.2753, 0.2975

Protanomaly

72.8261, 0.2853, 0.2969

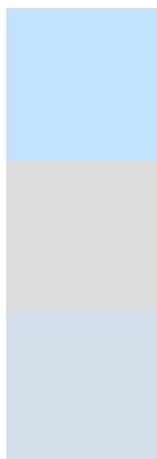
Deuteranomaly

72.8535, 0.2873, 0.2921

Tritanomaly

73.2471, 0.2781, 0.3048

Monochromacy



Original Color

73.2148, 0.2753, 0.2975

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9746, 0.2981, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2148, 0.2753, 0.2975 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.2148, 0.2753, 0.2975 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, 226, 255) }
```

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

```
.border{ border-color:rgb(195, 226, 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, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2148, 0.2753, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 255) }
```

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

```
.background{ background-color: rgb(195,  
226, 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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