

Converting Colors

$Yxy(73.9449, 0.2776, 0.2981)$

Have a look what the booklet for
Yxy(73.9449, 0.2776, 0.2981)
contains.

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Color

Yxy(73.7548, 0.2777, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	C7E2FF
RGB	199, 226, 255
RGB Percent	78%, 89%, 100%
CMY	0.2195, 0.1137, 0.0001
CMYK	0.22, 0.11, 0.00, 0.00
HSL	211°, 100%, 89%
HSV	211°, 22%, 100%
XYZ	68.7998, 73.7548, 105.1941
YIQ	221.2330, -25.4010, 3.2950

Conversions

Conversions Part 2

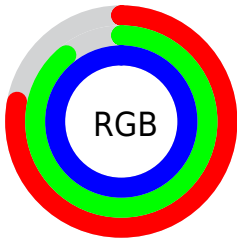
Format	Color
R_{YB}	199, 217, 255
Decimal	13099775
CIE _{Lab}	88.81, -2.81, -17.01
CIE _{LCh}	89, 17.246, 260.609
Y _{xy}	73.7548, 0.2777, 0.2977
Android (android.graphics.Color)	4291289855 (0xFFC7E2FF)
YUV	221.2330, 16.6471, -19.4983
Hunter-Lab	85.8806, -7.2929, -12.5072

Details

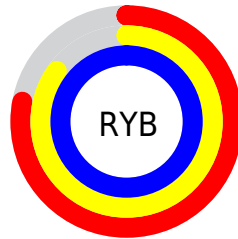
The Yxy color **73.7548, 0.2777, 0.2977** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.8626, 0.3514, 0.3584**, and the grayscale version is **72.3761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1323, 0.2697, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **63.6508, 0.2611, 0.2810**, and if you desaturate by 10%, it is **85.0020, 0.2940, 0.3129**.

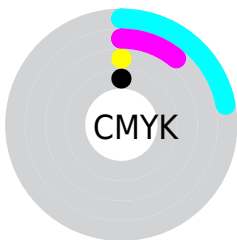
Distribution



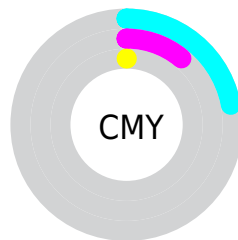
- Red (78%)
- Green (89%)
- Blue (100%)



- Red (78%)
- Yellow (85%)
- Blue (100%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7548, 0.2777, 0.2977 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 73.7548, 0.2777, 0.2977 by changing the saturation by 10% instead.

■ 73.7548, 0.2777,
0.2977

■ 73.7548, 0.2777,
0.2977

473.6267, 0.2937,
0.3121

■ 54.5934, 0.2741,
0.2944

124.5482, 0.2832,
0.3027

■ 39.0763, 0.2697,
0.2904

156.9489, 0.2854,
0.3046

■ 26.8191, 0.2641,
0.2853

194.5315, 0.2872,
0.3063

■ 17.4374, 0.2570,
0.2787

237.6804, 0.2888,
0.3078

■ 10.5468, 0.2474,
0.2698

286.7800, 0.2903,
0.3091

■ 5.7630, 0.2339,
0.2572

342.2146, 0.2915,

■ 2.7015, 0.2138,

0.3102

0.2381

404.3687, 0.2927,
0.3112

■ 0.9780, 0.1809,
0.2061

■ 0.0000, 0.0000,
0.0000

■ 73.7548, 0.2777,
0.2977

■ 73.7548, 0.2777,
0.2977

■ 63.6508, 0.2611,
0.2810

■ 85.0020, 0.2940,
0.3129

■ 54.6396, 0.2444,
0.2628

■ 97.4224, 0.3097,
0.3265

■ 46.6798, 0.2284,
0.2434

■ 99.9983, 0.3127,
0.3290

■ 39.7232, 0.2133,
0.2232

■ 33.7171, 0.1999,
0.2027

■ 28.6022, 0.1887,
0.1825

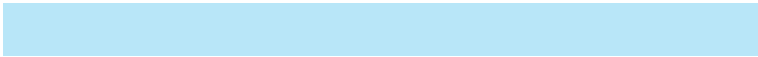
■ 24.3092, 0.1800,
0.1632

■ 21.3722, 0.1746,
0.1485

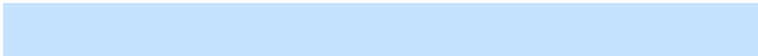
Harmonies

Analogous

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



73.7548, 0.2733, 0.3095



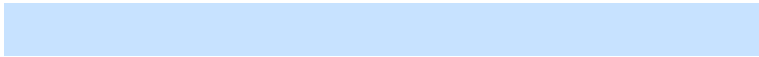
73.7548, 0.2777, 0.2977



73.7548, 0.2912, 0.2944

Triad

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



73.7548, 0.2777, 0.2977



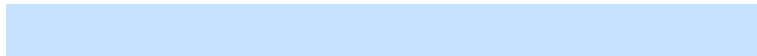
73.7548, 0.3475, 0.3291



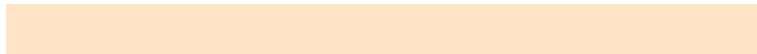
73.7548, 0.3135, 0.3608

Complementary

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



73.7548, 0.2777, 0.2977



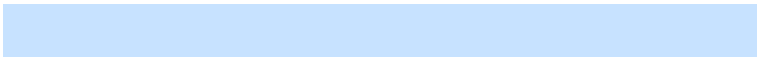
80.8626, 0.3514, 0.3584

Split Complementary

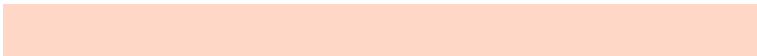
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7548, 0.3337, 0.3656



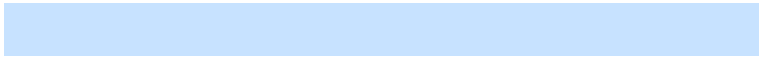
73.7548, 0.2777, 0.2977



73.7548, 0.3538, 0.3464

Square

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



73.7548, 0.2777, 0.2977



73.7548, 0.3316, 0.3123



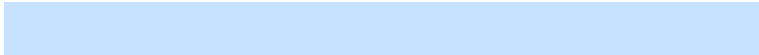
73.7548, 0.3486, 0.3600



73.7548, 0.2935, 0.3465

Rectangle

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



73.7548, 0.2777, 0.2977



73.7548, 0.3039, 0.2971



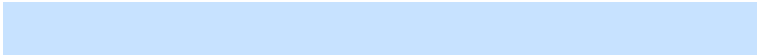
73.7548, 0.3486, 0.3600



73.7548, 0.3205, 0.3636

Sweetspot

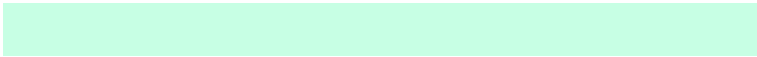
The Sweet Spot groups the original color and five complimentary colors.



73.7578, 0.2777, 0.2977



91.0145, 0.3019, 0.3198



89.2459, 0.2941, 0.3580



19.3209, 0.3009, 0.3190



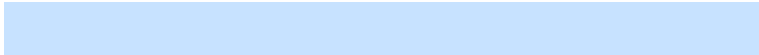
0.0000, 0.0000, 0.0000



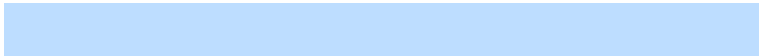
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7578, 0.2777, 0.2977



69.5397, 0.2710, 0.2911



60.3487, 0.2761, 0.2675



18.8233, 0.2979, 0.3164



11.4657, 0.1754, 0.1515



1.3338, 0.1813, 0.1725

Inverse Universe

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



67.6034, 0.3365, 0.3018



62.7292, 0.3421, 0.2965



96.7062, 0.3453, 0.3841



18.1330, 0.3218, 0.3176



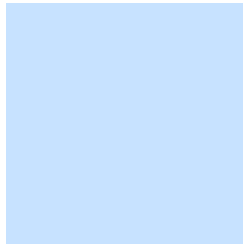
11.8854, 0.5040, 0.2550



1.1792, 0.4776, 0.2405

Previews

White Background



This preview shows how the Yxy color 73.7548, 0.2777, 0.2977 looks on a white background.

Color Contrast Check

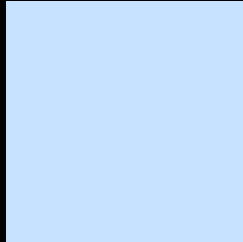
Large Text (above 18pt) WCAG AA × Fail

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 73.7548, 0.2777, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

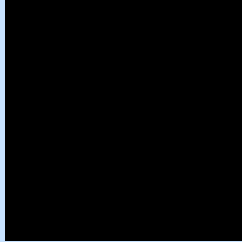
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

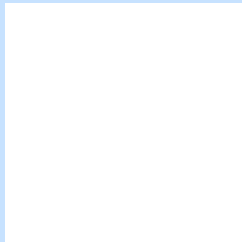
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7548, 0.2777, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 73.7548, 0.2777, 0.2977.



This preview shows how white text looks on a background with the Yxy color 73.7548, 0.2777, 0.2977.

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

73.7548, 0.2777, 0.2977

Protanopia

73.6466, 0.2911, 0.2964

Deuteranopia

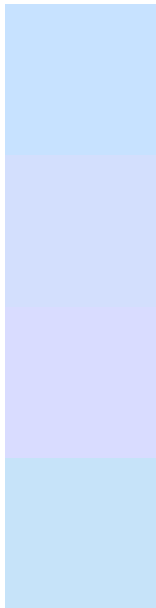
73.3397, 0.2959, 0.2899



Tritanopia

74.0109, 0.2816, 0.3092

Trichromacy



Original Color

73.7548, 0.2777, 0.2977

Protanomaly

73.7161, 0.2861, 0.2971

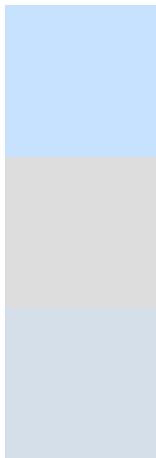
Deuteranomaly

73.1581, 0.2886, 0.2922

Tritanomaly

73.7835, 0.2805, 0.3050

Monochromacy



Original Color

73.7548, 0.2777, 0.2977

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8047, 0.2995, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7548, 0.2777, 0.2977 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(199, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.7548, 0.2777, 0.2977 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(199, 226, 255) }
```

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

```
.border{ border-color:rgb(199, 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(199, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 226,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7548, 0.2777, 0.2977$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 226, 255) }
```

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

```
.background{ background-color: rgb(199,  
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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