

Converting Colors

$Yxy(71.7490, 0.2788, 0.2930)$

Have a look what the booklet for
Yxy(71.7490, 0.2788, 0.2930)
contains.

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Color

Yxy(71.8801, 0.2786, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	C9DEFF
RGB	201, 222, 255
RGB Percent	79%, 87%, 100%
CMY	0.2118, 0.1294, 0.0001
CMYK	0.21, 0.13, 0.00, 0.00
HSL	217°, 100%, 89%
HSV	217°, 21%, 100%
XYZ	68.2542, 71.8801, 104.8558
YIQ	219.4830, -23.1090, 5.8110

Conversions

Conversions Part 2

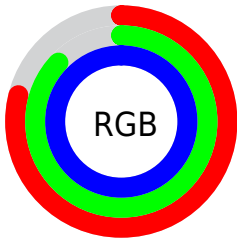
Format	Color
R _Y B	201, 216, 255
Decimal	13229823
CIE Lab	87.91, -0.14, -18.35
CIE LCh	88, 18.347, 269.552
Yxy	71.8801, 0.2786, 0.2934
Android (android.graphics.Color)	4291419903 (0xFFC9DEFF)
YUV	219.4830, 17.5099, -16.2096
Hunter-Lab	84.7821, -4.6665, -13.9804

Details

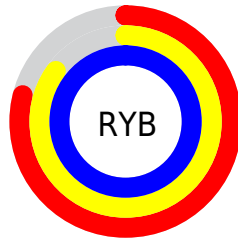
The Yxy color **71.8801, 0.2786, 0.2934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2944, 0.3488, 0.3622**, and the grayscale version is **71.0803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8256, 0.2706, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **60.7438, 0.2613, 0.2736**, and if you desaturate by 10%, it is **84.3727, 0.2952, 0.3113**.

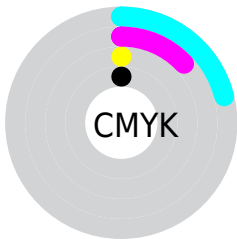
Distribution



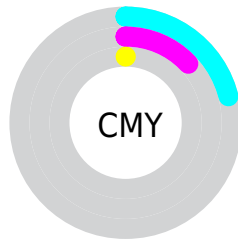
- Red (79%)
- Green (87%)
- Blue (100%)



- Red (79%)
- Yellow (85%)
- Blue (100%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8801, 0.2786, 0.2934 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 71.8801, 0.2786, 0.2934 by changing the saturation by 10% instead.

■ 71.8801, 0.2786,
0.2934

■ 71.8801, 0.2786,
0.2934

467.1242, 0.2943,
0.3098

■ 53.0607, 0.2751,
0.2897

121.8860, 0.2840,
0.2991

■ 37.8513, 0.2707,
0.2851

153.8414, 0.2861,
0.3013

■ 25.8673, 0.2652,
0.2794

190.9443, 0.2880,
0.3032

■ 16.7244, 0.2581,
0.2719

233.5790, 0.2895,
0.3048

■ 10.0382, 0.2485,
0.2619

282.1299, 0.2909,
0.3063

■ 5.4243, 0.2350,
0.2478

336.9815, 0.2922,

■ 2.4983, 0.2146,

0.3076

0.2264

398.5181, 0.2933,
0.3087

0.8758, 0.1809,
0.1911

0.0000, 0.0000,
0.0000

71.8801, 0.2786,
0.2934

71.8801, 0.2786,
0.2934

60.7438, 0.2613,
0.2736

84.3727, 0.2952,
0.3113

50.9056, 0.2438,
0.2521

98.2596, 0.3109,
0.3273

42.3155, 0.2264,
0.2291

99.9979, 0.3127,
0.3290

34.9165, 0.2100,
0.2053

■ 28.6466, 0.1952,
0.1814

■ 23.4363, 0.1826,
0.1582

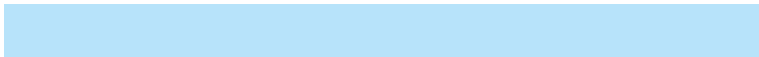
■ 19.2060, 0.1729,
0.1367

■ 16.1887, 0.1666,
0.1197

Harmonies

Analogous

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



71.8801, 0.2708, 0.3034



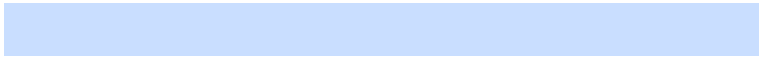
71.8801, 0.2786, 0.2934



71.8801, 0.2955, 0.2928

Triad

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



71.8801, 0.2786, 0.2934



71.8801, 0.3534, 0.3347



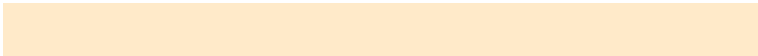
71.8801, 0.3068, 0.3596

Complementary

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



71.8801, 0.2786, 0.2934



84.2944, 0.3488, 0.3622

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.



71.8801, 0.3290, 0.3681



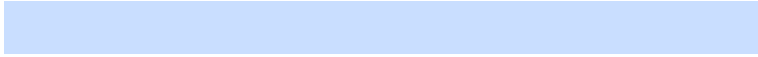
71.8801, 0.2786, 0.2934



71.8801, 0.3564, 0.3526

Square

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



71.8801, 0.2786, 0.2934



71.8801, 0.3389, 0.3161



71.8801, 0.3474, 0.3651



71.8801, 0.2867, 0.3419

Rectangle

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



71.8801, 0.2786, 0.2934



71.8801, 0.3099, 0.2974



71.8801, 0.3474, 0.3651



71.8801, 0.3143, 0.3636

Sweetspot

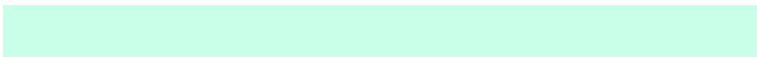
The Sweet Spot groups the original color and five complimentary colors.



71.8830, 0.2786, 0.2934



91.3951, 0.3035, 0.3198



89.8220, 0.2923, 0.3520



19.3685, 0.3024, 0.3187



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.



71.8830, 0.2786, 0.2934



67.4740, 0.2720, 0.2860



62.1714, 0.2806, 0.2705



18.5373, 0.2979, 0.3141



8.7299, 0.1674, 0.1227



1.0547, 0.1737, 0.1451

Inverse Universe

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



68.3027, 0.3393, 0.3078



63.5920, 0.3454, 0.3037



95.9610, 0.3412, 0.3826



18.1041, 0.3233, 0.3198



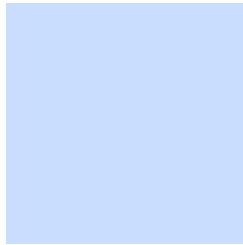
11.6093, 0.5428, 0.2764



1.1510, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 71.8801, 0.2786, 0.2934 looks on a white background.

Color Contrast Check

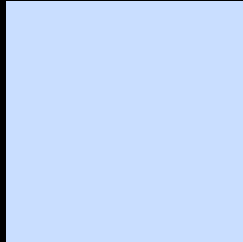
Large Text (above 18pt) WCAG AA × Fail

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 71.8801, 0.2786, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

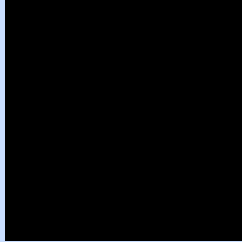
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

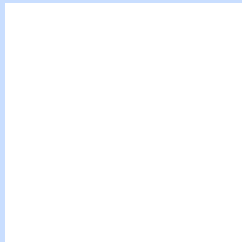
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8801, 0.2786, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 71.8801, 0.2786, 0.2934.



This preview shows how white text looks on a background with the Yxy color 71.8801, 0.2786, 0.2934.

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

71.8801, 0.2786, 0.2934

Protanopia

71.5308, 0.2878, 0.2919

Deuteranopia

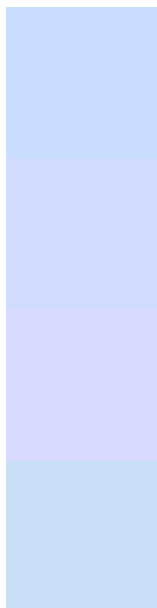
71.6682, 0.2931, 0.2874



Tritanopia

71.8642, 0.2849, 0.3091

Trichromacy



Original Color

71.8801, 0.2786, 0.2934

Protanomaly

71.3741, 0.2840, 0.2916

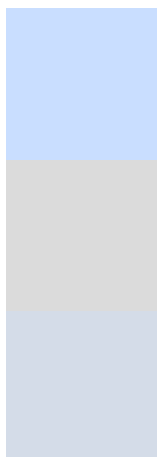
Deuteranomaly

71.9617, 0.2879, 0.2900

Tritanomaly

71.7701, 0.2826, 0.3027

Monochromacy



Original Color

71.8801, 0.2786, 0.2934

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0096, 0.2994, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8801, 0.2786, 0.2934 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(201, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 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(201, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.8801, 0.2786, 0.2934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

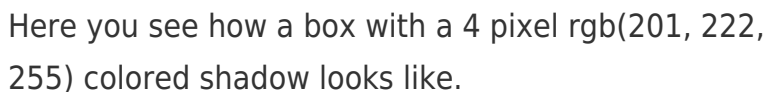
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 222, 255) }
```

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

```
.border{ border-color:rgb(201, 222, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 222, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 222, 255); box-shadow:4px 4px 4px 4px rgb(201, 222, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8801, 0.2786, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 255) }
```

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

```
.background{ background-color: rgb(201,  
222, 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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