

Converting Colors

$Yxy(71.2003, 0.2811, 0.2911)$

Have a look what the booklet for
Yxy(71.2003, 0.2811, 0.2911)
contains.

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Color

Yxy(71.3855, 0.2809, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	CDDCFF
RGB	205, 220, 255
RGB Percent	80%, 86%, 100%
CMY	0.1962, 0.1372, 0.0000
CMYK	0.20, 0.14, 0.00, 0.00
HSL	222°, 100%, 90%
HSV	222°, 20%, 100%
XYZ	68.8133, 71.3855, 104.7755
YIQ	219.5050, -20.1750, 7.7050

Conversions

Conversions Part 2

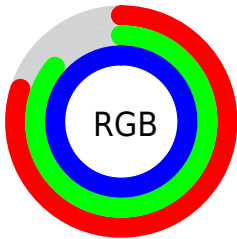
Format	Color
R_{YB}	205, 217, 255
Decimal	13491455
CIE _{Lab}	87.67, 2.11, -18.71
CIE _{LCh}	88, 18.826, 276.421
Yxy	71.3855, 0.2809, 0.2914
Android (android.graphics.Color)	4291681535 (0xFFCDDCFF)
YUV	219.5050, 17.4990, -12.7209
Hunter-Lab	84.4899, -2.4771, -14.3822

Details

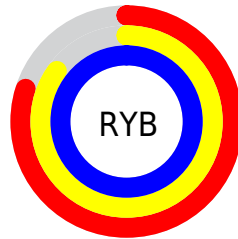
The Yxy color **71.3855, 0.2809, 0.2914** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.9527, 0.3451, 0.3639**, and the grayscale version is **71.0902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4715, 0.2735, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **59.1871, 0.2631, 0.2689**, and if you desaturate by 10%, it is **85.1760, 0.2977, 0.3117**.

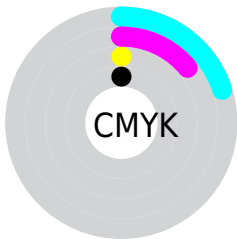
Distribution



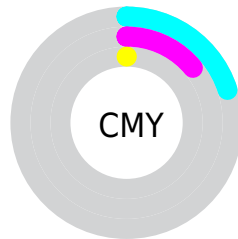
- Red (80%)
- Green (86%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3855, 0.2809, 0.2914 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 71.3855, 0.2809, 0.2914 by changing the saturation by 10% instead.

■ 71.3855, 0.2809,
0.2914

■ 71.3855, 0.2809,
0.2914

465.3999, 0.2956,
0.3086

■ 52.6569, 0.2776,
0.2875

121.1825, 0.2860,
0.2973

■ 37.5289, 0.2735,
0.2827

153.0196, 0.2880,
0.2997

■ 25.6173, 0.2683,
0.2767

189.9950, 0.2897,
0.3017

■ 16.5375, 0.2616,
0.2689

232.4930, 0.2912,
0.3034

■ 9.9053, 0.2525,
0.2585

280.8982, 0.2925,
0.3050

■ 5.3362, 0.2396,
0.2438

335.5948, 0.2936,

■ 2.4459, 0.2201,

0.3063

0.2218

396.9672, 0.2947,
0.3076

■ 0.8493, 0.1876,
0.1855

■ 0.0000, 0.0000,
0.0000

■ 71.3855, 0.2809,
0.2914

■ 71.3855, 0.2809,
0.2914

■ 59.1871, 0.2631,
0.2689

■ 85.1760, 0.2977,
0.3117

■ 48.5163, 0.2447,
0.2444

100.0000, 0.3127,
0.3290

■ 39.3108, 0.2263,
0.2183

■ 31.5024, 0.2085,
0.1912

■ 25.0162, 0.1922,
0.1644

■ 19.7700, 0.1784,
0.1390

■ 15.6699, 0.1678,
0.1163

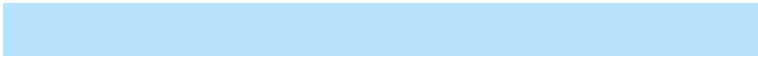
■ 12.5891, 0.1605,
0.0974

■ 12.4891, 0.1602,
0.0967

Harmonies

Analogous

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



71.3855, 0.2705, 0.2995



71.3855, 0.2809, 0.2914



71.3855, 0.2999, 0.2930

Triad

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



71.3855, 0.2809, 0.2914



71.3855, 0.3564, 0.3393



71.3855, 0.3015, 0.3570

Complementary

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



71.3855, 0.2809, 0.2914



87.9527, 0.3451, 0.3639

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.



71.3855, 0.3244, 0.3682



71.3855, 0.2809, 0.2914



71.3855, 0.3566, 0.3568

Square

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



71.3855, 0.2809, 0.2914



71.3855, 0.3439, 0.3199



71.3855, 0.3447, 0.3678



71.3855, 0.2821, 0.3374

Rectangle

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



71.3855, 0.2809, 0.2914



71.3855, 0.3152, 0.2990



71.3855, 0.3447, 0.3678



71.3855, 0.3090, 0.3619

Sweetspot

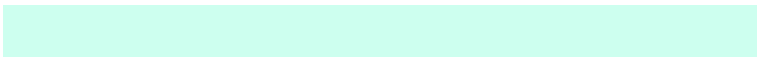
The Sweet Spot groups the original color and five complimentary colors.



71.3871, 0.2809, 0.2914



90.5769, 0.3035, 0.3184



90.7342, 0.2915, 0.3456



19.1754, 0.3025, 0.3172



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.



71.3871, 0.2809, 0.2914



65.8567, 0.2732, 0.2819



65.1786, 0.2861, 0.2757



18.2686, 0.2979, 0.3119



6.7528, 0.1610, 0.0995



0.8392, 0.1671, 0.1215

Inverse Universe

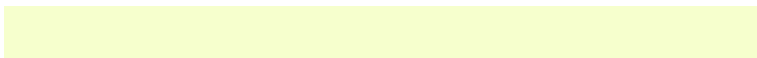
The Inverse Universe completely reimagines the original color for something new.



70.0706, 0.3403, 0.3138



64.5189, 0.3481, 0.3102



95.4871, 0.3363, 0.3791



18.0770, 0.3247, 0.3219



11.4097, 0.5766, 0.2950



1.1293, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 71.3855, 0.2809, 0.2914 looks on a white background.

Color Contrast Check

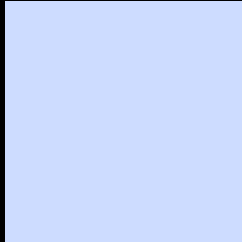
Large Text (above 18pt) WCAG AA × Fail

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 71.3855, 0.2809, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

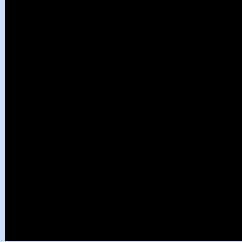
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3855, 0.2809, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 71.3855, 0.2809, 0.2914.

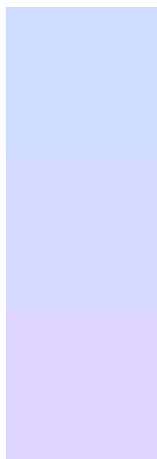


This preview shows how white text looks on a background with the Yxy color 71.3855, 0.2809, 0.2914.

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

71.3855, 0.2809, 0.2914

Protanopia

71.4447, 0.2865, 0.2908

Deuteranopia

71.0011, 0.2924, 0.2863



Tritanopia

71.6232, 0.2879, 0.3103

Trichromacy



Original Color

71.3855, 0.2809, 0.2914

Protanomaly

71.5204, 0.2846, 0.2917

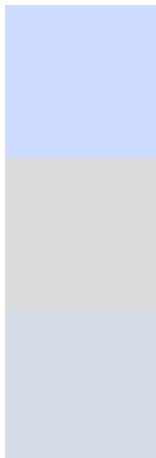
Deuteranomaly

70.9307, 0.2878, 0.2878

Tritanomaly

71.5316, 0.2856, 0.3039

Monochromacy



Original Color

71.3855, 0.2809, 0.2914

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5167, 0.3008, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3855, 0.2809, 0.2914 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(205, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 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(205, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3855, 0.2809, 0.2914 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(205, 220, 255) }
```

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

```
.border{ border-color:rgb(205, 220, 255) }
```

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

Here you see how a box with a 4 pixel rgb(205, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3855, 0.2809, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 255) }
```

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

```
.background{ background-color: rgb(205,  
220, 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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