

Converting Colors

$Yxy(70.8549, 0.2798, 0.2911)$

Have a look what the booklet for
Yxy(70.8549, 0.2798, 0.2911)
contains.

Yxy(71.1029, 0.2797, 0.2913)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.1029, 0.2797, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBDCFF</code>
RGB	<code>203, 220, 255</code>
RGB Percent	<code>80%, 86%, 100%</code>
CMY	<code>0.2039, 0.1372, 0.0001</code>
CMYK	<code>0.20, 0.14, 0.00, 0.00</code>
HSL	<code>220°, 100%, 90%</code>
HSV	<code>220°, 20%, 100%</code>
XYZ	<code>68.2715, 71.1029, 104.7138</code>
YIQ	<code>218.9070, -21.3670, 7.2810</code>

Conversions

Conversions Part 2

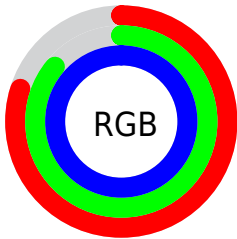
Format	Color
R _Y B	203, 216, 255
Decimal	13360383
CIE Lab	87.53, 1.51, -18.91
CIE LCh	88, 18.966, 274.580
Yxy	71.1029, 0.2797, 0.2913
Android (android.graphics.Color)	4291550463 (0xFFCBDCFF)
YUV	218.9070, 17.7938, -13.9504
Hunter-Lab	84.3225, -3.0425, -14.6020

Details

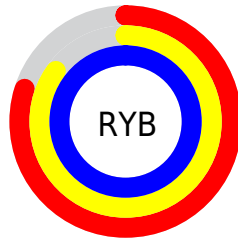
The Yxy color **71.1029, 0.2797, 0.2913** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7117, 0.3467, 0.3640**, and the grayscale version is **70.6588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2834, 0.2719, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **59.2640, 0.2620, 0.2695**, and if you desaturate by 10%, it is **84.4611, 0.2965, 0.3109**.

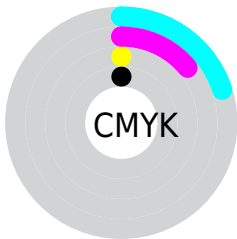
Distribution



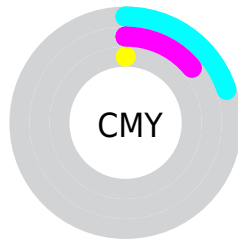
- Red (80%)
- Green (86%)
- Blue (100%)



- 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 71.1029, 0.2797, 0.2913 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 71.1029, 0.2797, 0.2913 by changing the saturation by 10% instead.

■ 71.1029, 0.2797,
0.2913

■ 71.1029, 0.2797,
0.2913

464.4131, 0.2949,
0.3086

■ 52.4262, 0.2762,
0.2874

120.7802, 0.2850,
0.2973

■ 37.3449, 0.2720,
0.2826

152.5496, 0.2870,
0.2996

■ 25.4746, 0.2666,
0.2765

189.4520, 0.2888,
0.3016

■ 16.4310, 0.2596,
0.2687

231.8718, 0.2903,
0.3034

■ 9.8297, 0.2502,
0.2582

280.1935, 0.2917,
0.3049

■ 5.2862, 0.2369,
0.2433

334.8013, 0.2929,

■ 2.4161, 0.2167,

0.3063

0.2210

396.0797, 0.2940,
0.3075

0.8342, 0.1832,
0.1842

0.0000, 0.0000,
0.0000

71.1029, 0.2797,
0.2913

71.1029, 0.2797,
0.2913

59.2640, 0.2620,
0.2695

84.4611, 0.2965,
0.3109

48.8792, 0.2439,
0.2458

99.3833, 0.3121,
0.3284

39.8911, 0.2257,
0.2206

99.9986, 0.3127,
0.3290

32.2349, 0.2084,
0.1945

■ 25.8398, 0.1926,
0.1684

■ 20.6277, 0.1792,
0.1437

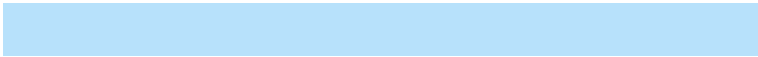
■ 16.5090, 0.1689,
0.1213

■ 13.4602, 0.1620,
0.1030

Harmonies

Analogous

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



71.1029, 0.2699, 0.3001



71.1029, 0.2797, 0.2913



71.1029, 0.2984, 0.2923

Triad

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



71.1029, 0.2797, 0.2913



71.1029, 0.3563, 0.3381



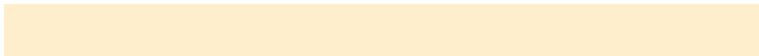
71.1029, 0.3027, 0.3582

Complementary

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



71.1029, 0.2797, 0.2913



86.7117, 0.3467, 0.3640

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.



71.1029, 0.3259, 0.3689



71.1029, 0.2797, 0.2913



71.1029, 0.3574, 0.3561

Square

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



71.1029, 0.2797, 0.2913



71.1029, 0.3431, 0.3187



71.1029, 0.3460, 0.3678



71.1029, 0.2828, 0.3388

Rectangle

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



71.1029, 0.2797, 0.2913



71.1029, 0.3137, 0.2980



71.1029, 0.3460, 0.3678



71.1029, 0.3104, 0.3630

Sweetspot

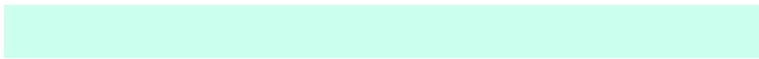
The Sweet Spot groups the original color and five complimentary colors.



71.1058, 0.2797, 0.2913



90.8174, 0.3035, 0.3188



90.3576, 0.2912, 0.3473



19.2321, 0.3025, 0.3177



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.



71.1058, 0.2797, 0.2913



66.6589, 0.2734, 0.2837



63.8871, 0.2843, 0.2733



18.3475, 0.2979, 0.3125



7.2752, 0.1628, 0.1059



0.8979, 0.1689, 0.1282

Inverse Universe

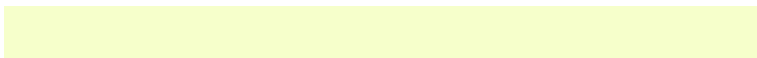
The Inverse Universe completely reimagines the original color for something new.



69.1428, 0.3405, 0.3118



64.5998, 0.3468, 0.3086



95.4688, 0.3378, 0.3810



18.0850, 0.3243, 0.3213



11.4624, 0.5671, 0.2898



1.1352, 0.5352, 0.2722

Previews

White Background



This preview shows how the Yxy color 71.1029, 0.2797, 0.2913 looks on a white background.

Color Contrast Check

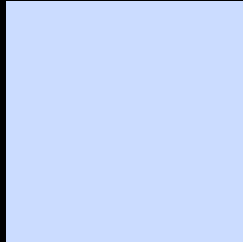
Large Text (above 18pt) WCAG AA × Fail

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 71.1029, 0.2797, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

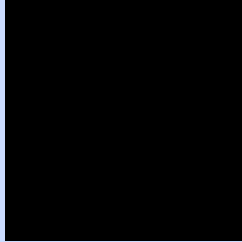
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1029, 0.2797, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 71.1029, 0.2797, 0.2913.



This preview shows how white text looks on a background with the Yxy color 71.1029, 0.2797, 0.2913.

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

71.1029, 0.2797, 0.2913

Protanopia

70.8637, 0.2871, 0.2907

Deuteranopia

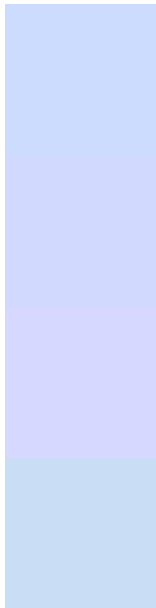
70.8427, 0.2918, 0.2862



Tritanopia

71.3460, 0.2867, 0.3102

Trichromacy



Original Color

71.1029, 0.2797, 0.2913

Protanomaly

70.8539, 0.2839, 0.2905

Deuteranomaly

70.7788, 0.2872, 0.2878

Tritanomaly

71.2526, 0.2843, 0.3038

Monochromacy



Original Color

71.1029, 0.2797, 0.2913

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6354, 0.3001, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1029, 0.2797, 0.2913 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(203, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.1029, 0.2797, 0.2913 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(203, 220, 255) }
```

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

```
.border{ border-color:rgb(203, 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(203, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 220,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1029, 0.2797, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 220, 255) }
```

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

```
.background{ background-color: rgb(203,  
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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