

Converting Colors

$Yxy(71.2937, 0.2817, 0.2909)$

Have a look what the booklet for
Yxy(71.2937, 0.2817, 0.2909)
contains.

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Color

Yxy(71.0048, 0.2815, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBFF
RGB	206, 219, 255
RGB Percent	81%, 86%, 100%
CMY	0.1922, 0.1411, 0.0001
CMYK	0.19, 0.14, 0.00, 0.00
HSL	224°, 100%, 90%
HSV	224°, 19%, 100%
XYZ	68.8287, 71.0048, 104.6734
YIQ	219.2170, -19.3040, 8.4400

Conversions

Conversions Part 2

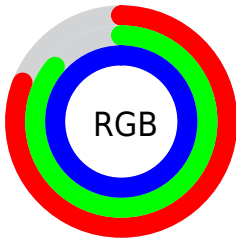
Format	Color
R _Y B	206, 216, 255
Decimal	13556735
CIE Lab	87.49, 2.93, -18.96
CIE LCh	87, 19.188, 278.797
Yxy	71.0048, 0.2815, 0.2904
Android (android.graphics.Color)	4291746815 (0xFFCEDBFF)
YUV	219.2170, 17.6410, -11.5913
Hunter-Lab	84.2643, -1.6605, -14.6652

Details

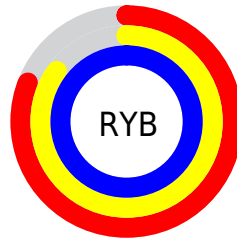
The Yxy color **71.0048, 0.2815, 0.2904** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1905, 0.3441, 0.3648**, and the grayscale version is **70.8814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2074, 0.2742, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **58.4254, 0.2635, 0.2668**, and if you desaturate by 10%, it is **85.2802, 0.2983, 0.3116**.

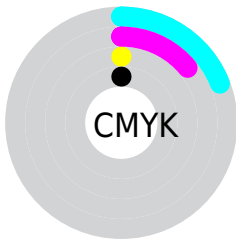
Distribution



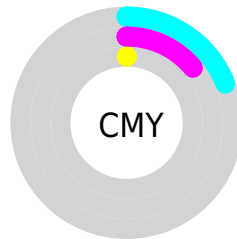
- Red (81%)
- Green (86%)
- Blue (100%)



- Red (81%)
- Yellow (85%)
- Blue (100%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0048, 0.2815, 0.2904 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 71.0048, 0.2815, 0.2904 by changing the saturation by 10% instead.

■ 71.0048, 0.2815,
0.2904

■ 71.0048, 0.2815,
0.2904

464.0702, 0.2959,
0.3081

■ 52.3461, 0.2782,
0.2864

120.6406, 0.2865,
0.2965

■ 37.2810, 0.2742,
0.2815

152.3864, 0.2884,
0.2989

■ 25.4252, 0.2691,
0.2754

189.2635, 0.2901,
0.3009

■ 16.3941, 0.2624,
0.2674

231.6561, 0.2916,
0.3027

■ 9.8035, 0.2534,
0.2567

279.9487, 0.2929,
0.3043

■ 5.2688, 0.2407,
0.2417

334.5256, 0.2940,

■ 2.4058, 0.2213,

0.3057

0.2192

395.7713, 0.2950,
0.3070

■ 0.8289, 0.1890,
0.1822

■ 0.0000, 0.0000,
0.0000

■ 71.0048, 0.2815,
0.2904

■ 71.0048, 0.2815,
0.2904

■ 58.4254, 0.2635,
0.2668

■ 85.2802, 0.2983,
0.3116

■ 47.4687, 0.2448,
0.2411

99.9992, 0.3127,
0.3290

■ 38.0684, 0.2259,
0.2137

■ 30.1504, 0.2076,
0.1855

■ 23.6339, 0.1909,
0.1577

■ 18.4295, 0.1767,
0.1316

■ 14.4361, 0.1658,
0.1088

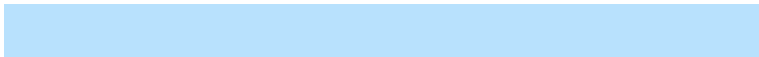
■ 11.5213, 0.1586,
0.0904

■ 11.3301, 0.1581,
0.0891

Harmonies

Analogous

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



71.0048, 0.2701, 0.2979



71.0048, 0.2815, 0.2904



71.0048, 0.3014, 0.2928

Triad

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



71.0048, 0.2815, 0.2904



71.0048, 0.3578, 0.3410



71.0048, 0.2994, 0.3562

Complementary

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



71.0048, 0.2815, 0.2904



89.1905, 0.3441, 0.3648

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.



71.0048, 0.3228, 0.3686



71.0048, 0.2815, 0.2904



71.0048, 0.3570, 0.3586

Square

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



71.0048, 0.2815, 0.2904



71.0048, 0.3460, 0.3212



71.0048, 0.3440, 0.3691



71.0048, 0.2802, 0.3358

Rectangle

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



71.0048, 0.2815, 0.2904



71.0048, 0.3171, 0.2994



71.0048, 0.3440, 0.3691



71.0048, 0.3071, 0.3615

Sweetspot

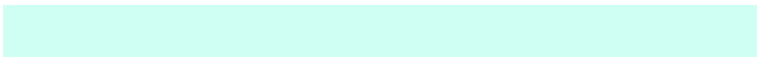
The Sweet Spot groups the original color and five complimentary colors.



71.0077, 0.2815, 0.2904



90.2550, 0.3035, 0.3179



91.0368, 0.2906, 0.3426



19.0995, 0.3025, 0.3166



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.



71.0077, 0.2815, 0.2904



66.0629, 0.2748, 0.2818



66.1678, 0.2884, 0.2771



18.1633, 0.2979, 0.3110



6.1278, 0.1588, 0.0917



0.7668, 0.1647, 0.1130

Inverse Universe

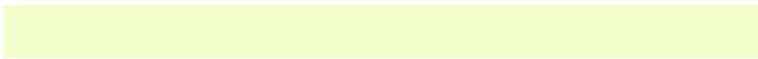
The Inverse Universe completely reimagines the original color for something new.



70.5059, 0.3409, 0.3159



65.6487, 0.3479, 0.3131



95.1202, 0.3342, 0.3782



18.0664, 0.3252, 0.3227



11.3466, 0.5885, 0.3015



1.1219, 0.5567, 0.2840

Previews

White Background



This preview shows how the Yxy color 71.0048, 0.2815, 0.2904 looks on a white background.

Color Contrast Check

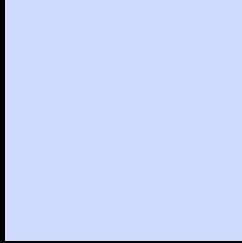
Large Text (above 18pt) WCAG AA × Fail

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 71.0048, 0.2815, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

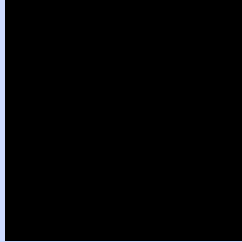
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0048, 0.2815, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 71.0048, 0.2815, 0.2904.



This preview shows how white text looks on a background with the Yxy color 71.0048, 0.2815, 0.2904.

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

71.0048, 0.2815, 0.2904

Protanopia

70.7785, 0.2858, 0.2896

Deuteranopia

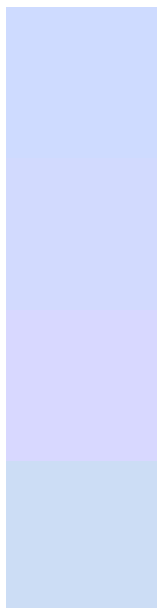
70.8427, 0.2918, 0.2862



Tritanopia

71.1711, 0.2891, 0.3102

Trichromacy



Original Color

71.0048, 0.2815, 0.2904

Protanomaly

71.0002, 0.2846, 0.2906

Deuteranomaly

70.9307, 0.2878, 0.2878

Tritanomaly

71.1428, 0.2862, 0.3028

Monochromacy



Original Color

71.0048, 0.2815, 0.2904

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7854, 0.3008, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0048, 0.2815, 0.2904 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(206, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 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(206, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.0048, 0.2815, 0.2904 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(206, 219, 255) }
```

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

```
.border{ border-color:rgb(206, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(206, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0048, 0.2815, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 255) }
```

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

```
.background{ background-color: rgb(206,  
219, 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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