

Converting Colors

$Yxy(71.5868, 0.2887, 0.3111)$

Have a look what the booklet for
Yxy(71.5868, 0.2887, 0.3111)
contains.

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Color

Yxy(71.5639, 0.2885, 0.3113)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CADFEF |
| RGB | 202, 223, 239 |
| RGB Percent | 79%, 87%, 94% |
| CMY | 0.2079, 0.1255, 0.0626 |
| CMYK | 0.16, 0.07, 0.00, 0.06 |
| HSL | 206°, 54%, 86% |
| HSV | 206°, 16%, 94% |
| XYZ | 66.3225, 71.5639, 92.0009 |
| YIQ | 218.5450, -17.6520, 0.5240 |

Conversions

Conversions Part 2

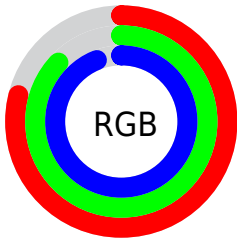
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 202, 215, 239 |
| Decimal | 13295599 |
| CIE Lab | 87.76, -3.75, -10.18 |
| CIE LCh | 88, 10.853, 249.784 |
| Yxy | 71.5639, 0.2885, 0.3113 |
| Android (android.graphics.Color) | 4291485679 (0xFFCADFEF) |
| YUV | 218.5450, 10.0843, -14.5100 |
| Hunter-Lab | 84.5954, -8.0988, -5.2634 |

Details

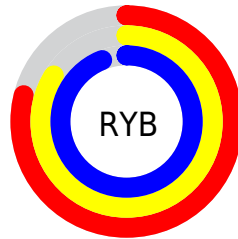
The Yxy color **71.5639, 0.2885, 0.3113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7591, 0.3393, 0.3461**, and the grayscale version is **70.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7201, 0.2832, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **63.1322, 0.2725, 0.2983**, and if you desaturate by 10%, it is **80.8550, 0.3042, 0.3231**.

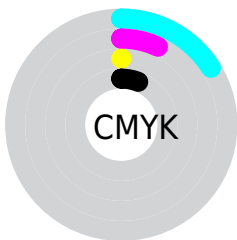
Distribution



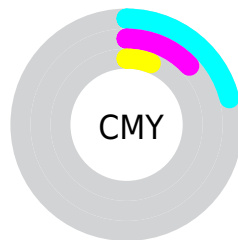
- Red (79%)
- Green (87%)
- Blue (94%)



- Red (79%)
- Yellow (84%)
- Blue (94%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5639, 0.2885, 0.3113 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 71.5639, 0.2885, 0.3113 by changing the saturation by 10% instead.

■ 71.5639, 0.2885,
0.3113

■ 71.5639, 0.2885,
0.3113

466.0223, 0.2997,
0.3196

■ 52.8025, 0.2860,
0.3094

121.4363, 0.2924,
0.3142

■ 37.6451, 0.2828,
0.3070

153.3161, 0.2939,
0.3153

■ 25.7074, 0.2789,
0.3040

190.3375, 0.2952,
0.3163

■ 16.6049, 0.2737,
0.3001

232.8849, 0.2963,
0.3171

■ 9.9532, 0.2667,
0.2947

281.3427, 0.2973,
0.3178

■ 5.3679, 0.2566,
0.2868

336.0952, 0.2982,

■ 2.4647, 0.2411,

0.3185

0.2743

397.5270, 0.2990,
0.3191

0.8589, 0.2129,
0.2523

0.0000, 0.0000,
0.0000

71.5639, 0.2885,
0.3113

71.5639, 0.2885,
0.3113

63.1322, 0.2725,
0.2983

80.8550, 0.3042,
0.3231

55.5213, 0.2566,
0.2841

91.0246, 0.3195,
0.3336

48.7025, 0.2411,
0.2688

98.3849, 0.3221,
0.3434

42.6418, 0.2265,
0.2527

99.0138, 0.3220,
0.3444

■ 37.3017, 0.2133,
0.2359

■ 32.6409, 0.2019,
0.2189

■ 28.6118, 0.1926,
0.2020

■ 25.1573, 0.1856,
0.1856

■ 23.7540, 0.1829,
0.1785

Harmonies

Analogous

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



71.5639, 0.2880, 0.3206



71.5639, 0.2885, 0.3113



71.5639, 0.2953, 0.3069

Triad

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



71.5639, 0.2885, 0.3113



71.5639, 0.3317, 0.3251



71.5639, 0.3182, 0.3508

Complementary

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



71.5639, 0.2885, 0.3113



72.7591, 0.3393, 0.3461

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.



71.5639, 0.3301, 0.3516



71.5639, 0.2885, 0.3113



71.5639, 0.3381, 0.3365

Square

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



71.5639, 0.2885, 0.3113



71.5639, 0.3202, 0.3149



71.5639, 0.3375, 0.3463



71.5639, 0.3049, 0.3438

Rectangle

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



71.5639, 0.2885, 0.3113



71.5639, 0.3027, 0.3072



71.5639, 0.3375, 0.3463



71.5639, 0.3225, 0.3518

Sweetspot

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



71.5669, 0.2885, 0.3113



94.1947, 0.3050, 0.3236



79.3347, 0.3016, 0.3529



19.9913, 0.3039, 0.3228



0.0000, 0.0000, 0.0000



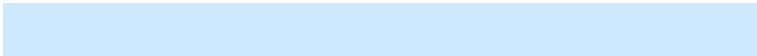
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5669, 0.2885, 0.3113



79.2965, 0.2828, 0.3068



62.4791, 0.2877, 0.2909



16.7181, 0.2980, 0.3185



13.3893, 0.1836, 0.1810



1.3112, 0.1895, 0.2023

Inverse Universe

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



65.9130, 0.3261, 0.3069



71.6115, 0.3297, 0.3015



82.5763, 0.3365, 0.3644



15.9092, 0.3204, 0.3157



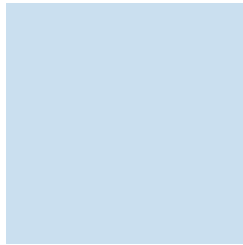
11.1450, 0.4673, 0.2348



0.9471, 0.4427, 0.2212

Previews

White Background



This preview shows how the Yxy color 71.5639, 0.2885, 0.3113 looks on a white background.

Color Contrast Check

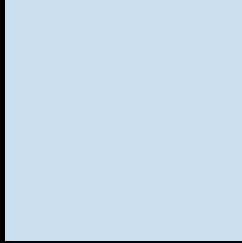
Large Text (above 18pt) WCAG AA × Fail

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 71.5639, 0.2885, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

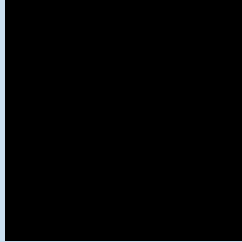
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

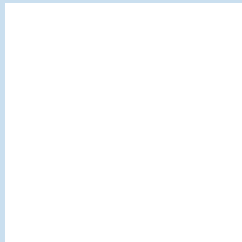
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5639, 0.2885, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 71.5639, 0.2885, 0.3113.

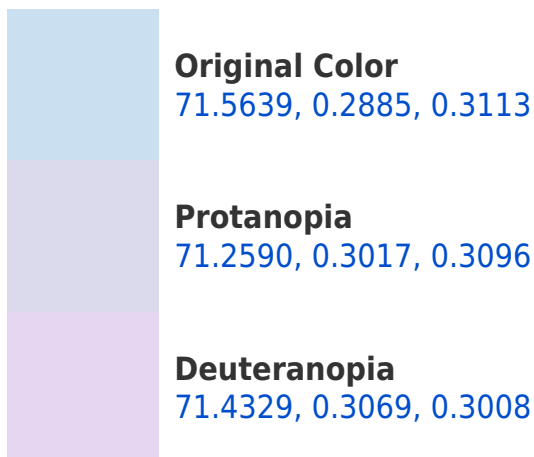


This preview shows how white text looks on a background with the Yxy color 71.5639, 0.2885, 0.3113.

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





Tritanopia

71.6232, 0.2879, 0.3103

Trichromacy



Original Color

71.5639, 0.2885, 0.3113

Protanomaly

71.4470, 0.2969, 0.3105

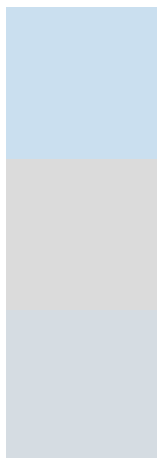
Deuteranomaly

71.1326, 0.2998, 0.3044

Tritanomaly

71.6232, 0.2879, 0.3103

Monochromacy



Original Color

71.5639, 0.2885, 0.3113

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8235, 0.3039, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5639, 0.2885, 0.3113 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(202, 223, 239)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 239)  
}
```

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(202, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 239) }
```

Border

The CSS property to change the border of an element to Yxy 71.5639, 0.2885, 0.3113 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(202, 223, 239) }
```

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

```
.border{ border-color:rgb(202, 223, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5639, 0.2885, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 239) }
```

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

```
.background{ background-color: rgb(202,  
223, 239) }
```

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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