

Converting Colors

$Yxy(71.6175, 0.2881, 0.3126)$

Have a look what the booklet for
Yxy(71.6175, 0.2881, 0.3126)
contains.

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Color

Yxy(71.9019, 0.2885, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0EE
RGB	201, 224, 238
RGB Percent	79%, 88%, 93%
CMY	0.2119, 0.1215, 0.0666
CMYK	0.16, 0.06, 0.00, 0.07
HSL	203°, 52%, 86%
HSV	203°, 16%, 93%
XYZ	66.1681, 71.9019, 91.2822
YIQ	218.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

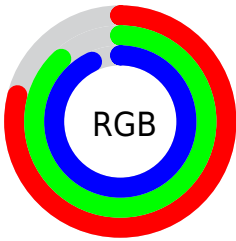
Format	Color
R _Y B	201, 215, 238
Decimal	13230318
CIE Lab	87.92, -4.80, -9.41
CIE LCh	88, 10.562, 242.984
Yxy	71.9019, 0.2885, 0.3135
Android (android.graphics.Color)	4291420398 (0xFFC9E0EE)
YUV	218.7190, 9.5055, -15.5396
Hunter-Lab	84.7950, -9.1023, -4.4694

Details

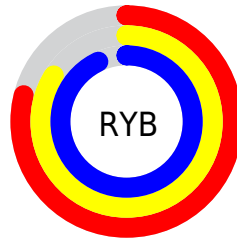
The Yxy color **71.9019, 0.2885, 0.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9697, 0.3397, 0.3440**, and the grayscale version is **70.5737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9564, 0.2833, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **64.1536, 0.2728, 0.3022**, and if you desaturate by 10%, it is **80.4226, 0.3041, 0.3238**.

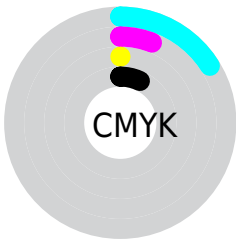
Distribution



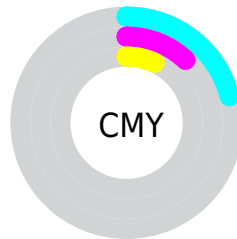
- Red (79%)
- Green (88%)
- Blue (93%)



- Red (79%)
- Yellow (84%)
- Blue (93%)



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



- Cyan (21%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9019, 0.2885, 0.3135 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 71.9019, 0.2885, 0.3135 by changing the saturation by 10% instead.

■ 71.9019, 0.2885,
0.3135

■ 71.9019, 0.2885,
0.3135

467.2001, 0.2997,
0.3208

■ 53.0785, 0.2860,
0.3118

121.9170, 0.2924,
0.3160

■ 37.8655, 0.2828,
0.3097

153.8776, 0.2939,
0.3170

■ 25.8783, 0.2789,
0.3071

190.9861, 0.2952,
0.3179

■ 16.7326, 0.2737,
0.3036

233.6268, 0.2963,
0.3186

■ 10.0440, 0.2668,
0.2988

282.1841, 0.2973,
0.3192

■ 5.4282, 0.2568,
0.2918

337.0425, 0.2982,

■ 2.5006, 0.2413,

0.3198

0.2806

398.5864, 0.2990,
0.3203

0.8769, 0.2131,
0.2608

0.0000, 0.0000,
0.0000

71.9019, 0.2885,
0.3135

71.9019, 0.2885,
0.3135

64.1536, 0.2728,
0.3022

80.4226, 0.3041,
0.3238

57.1414, 0.2573,
0.2899

89.7325, 0.3195,
0.3330

50.8391, 0.2425,
0.2767

96.4158, 0.3230,
0.3416

45.2149, 0.2286,
0.2627

98.9533, 0.3226,
0.3454

■ 40.2341, 0.2162,
0.2482

■ 35.8580, 0.2056,
0.2335

■ 32.0420, 0.1971,
0.2188

■ 28.7320, 0.1907,
0.2044

■ 27.3899, 0.1884,
0.1981

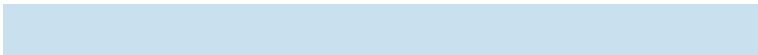
Harmonies

Analogous

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



71.9019, 0.2895, 0.3234



71.9019, 0.2885, 0.3135



71.9019, 0.2938, 0.3080

Triad

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



71.9019, 0.2885, 0.3135



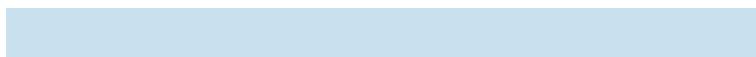
71.9019, 0.3290, 0.3228



71.9019, 0.3209, 0.3509

Complementary

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



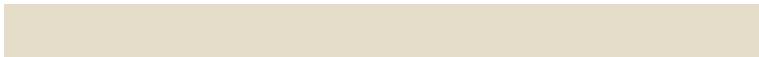
71.9019, 0.2885, 0.3135



70.9697, 0.3397, 0.3440

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.



71.9019, 0.3317, 0.3503



71.9019, 0.2885, 0.3135



71.9019, 0.3365, 0.3339

Square

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



71.9019, 0.2885, 0.3135



71.9019, 0.3171, 0.3135



71.9019, 0.3375, 0.3439



71.9019, 0.3080, 0.3454

Rectangle

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



71.9019, 0.2885, 0.3135



71.9019, 0.3003, 0.3074



71.9019, 0.3375, 0.3439



71.9019, 0.3249, 0.3514

Sweetspot

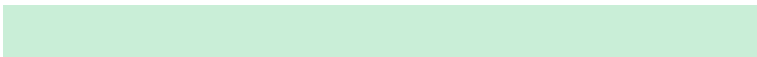
The Sweet Spot groups the original color and five complimentary colors.



71.9049, 0.2885, 0.3135



94.6276, 0.3050, 0.3243



78.4468, 0.3027, 0.3551



20.0966, 0.3039, 0.3236



0.0000, 0.0000, 0.0000



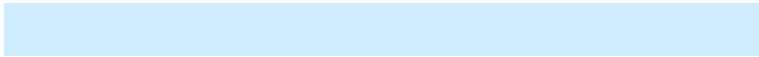
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9049, 0.2885, 0.3135



80.8165, 0.2830, 0.3097



62.6808, 0.2877, 0.2929



16.8675, 0.2980, 0.3199



15.5372, 0.1890, 0.2004



1.4834, 0.1942, 0.2191

Inverse Universe

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



65.3164, 0.3246, 0.3047



71.7649, 0.3278, 0.2990



80.7081, 0.3368, 0.3627



15.9243, 0.3196, 0.3144



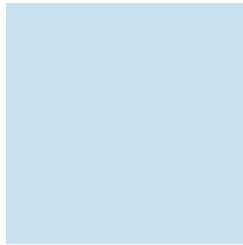
11.3618, 0.4449, 0.2224



0.9645, 0.4242, 0.2110

Previews

White Background



This preview shows how the Yxy color 71.9019, 0.2885, 0.3135 looks on a white background.

Color Contrast Check

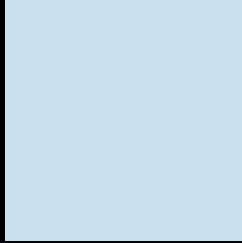
Large Text (above 18pt) WCAG AA × Fail

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 71.9019, 0.2885, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

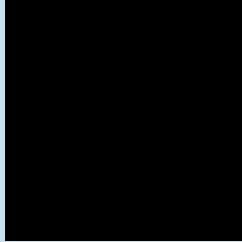
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

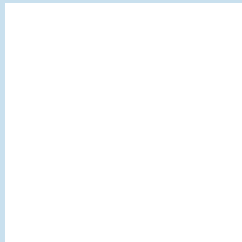
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9019, 0.2885, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 71.9019, 0.2885, 0.3135.

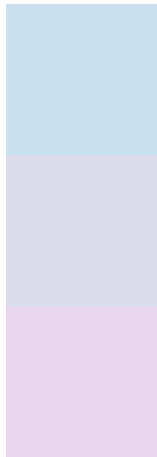


This preview shows how white text looks on a background with the Yxy color 71.9019, 0.2885, 0.3135.

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

71.9019, 0.2885, 0.3135

Protanopia

71.8768, 0.3030, 0.3118

Deuteranopia

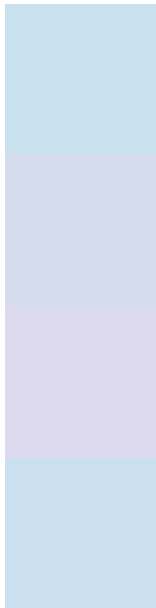
71.5402, 0.3083, 0.3019



Tritanopia

71.6828, 0.2874, 0.3092

Trichromacy



Original Color

71.9019, 0.2885, 0.3135

Protanomaly

71.9152, 0.2976, 0.3127

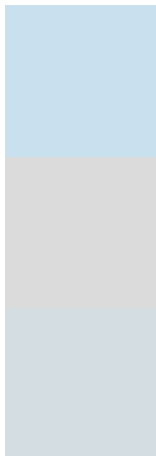
Deuteranomaly

71.7470, 0.3011, 0.3066

Tritanomaly

71.6232, 0.2879, 0.3103

Monochromacy



Original Color

71.9019, 0.2885, 0.3135

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2009, 0.3032, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9019, 0.2885, 0.3135 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, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 238)  
}
```

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, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.9019, 0.2885, 0.3135 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, 224, 238) }
```

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

```
.border{ border-color:rgb(201, 224, 238) }
```

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

Here you see how a box with a 4 pixel rgb(201, 224, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9019, 0.2885, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 238) }
```

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

```
.background{ background-color: rgb(201,  
224, 238) }
```

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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