

Converting Colors

$Yxy(71.5841, 0.2879, 0.3143)$

Have a look what the booklet for
Yxy(71.5841, 0.2879, 0.3143)
contains.

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Color

Yxy(71.5678, 0.2878, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	C7E0ED
RGB	199, 224, 237
RGB Percent	78%, 88%, 93%
CMY	0.2197, 0.1215, 0.0705
CMYK	0.16, 0.05, 0.00, 0.07
HSL	201°, 51%, 85%
HSV	201°, 16%, 93%
XYZ	65.4919, 71.5678, 90.5008
YIQ	218.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

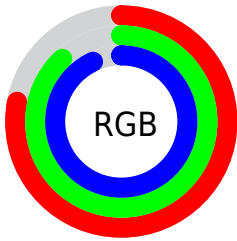
Format	Color
R _Y B	199, 214, 237
Decimal	13099245
CIE Lab	87.76, -5.62, -9.15
CIE LCh	88, 10.735, 238.447
Yxy	71.5678, 0.2878, 0.3145
Android (android.graphics.Color)	4291289325 (0xFFC7E0ED)
YUV	218.0070, 9.3635, -16.6691
Hunter-Lab	84.5978, -9.8591, -4.2087

Details

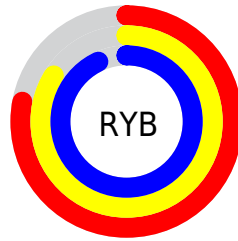
The Yxy color **71.5678, 0.2878, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2125, 0.3409, 0.3431**, and the grayscale version is **70.0597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7319, 0.2824, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **64.3228, 0.2723, 0.3043**, and if you desaturate by 10%, it is **79.5315, 0.3034, 0.3238**.

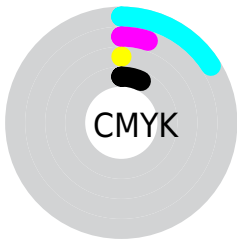
Distribution



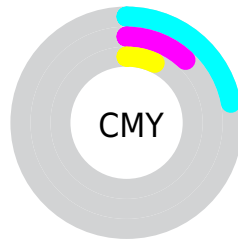
- Red (78%)
- Green (88%)
- Blue (93%)



- Red (78%)
- Yellow (84%)
- Blue (93%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5678, 0.2878, 0.3145 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 71.5678, 0.2878, 0.3145 by changing the saturation by 10% instead.

■ 71.5678, 0.2878,
0.3145

■ 71.5678, 0.2878,
0.3145

466.0359, 0.2993,
0.3213

■ 52.8057, 0.2852,
0.3129

121.4419, 0.2918,
0.3169

■ 37.6477, 0.2820,
0.3110

153.3226, 0.2933,
0.3178

■ 25.7094, 0.2779,
0.3084

190.3450, 0.2947,
0.3186

■ 16.6063, 0.2726,
0.3051

232.8935, 0.2958,
0.3193

■ 9.9542, 0.2654,
0.3006

281.3524, 0.2968,
0.3199

■ 5.3686, 0.2551,
0.2939

336.1062, 0.2977,

■ 2.4651, 0.2391,

0.3204

0.2832

397.5392, 0.2986,
0.3209

0.8591, 0.2090,
0.2642

0.0000, 0.0000,
0.0000

71.5678, 0.2878,
0.3145

71.5678, 0.2878,
0.3145

64.3228, 0.2723,
0.3043

79.5315, 0.3034,
0.3238

57.7614, 0.2571,
0.2931

88.2295, 0.3187,
0.3322

51.8585, 0.2427,
0.2812

94.7148, 0.3238,
0.3400

46.5838, 0.2294,
0.2687

98.8959, 0.3232,
0.3463

■ 41.9037, 0.2176,
0.2556

■ 37.7809, 0.2076,
0.2424

■ 34.1721, 0.1997,
0.2292

■ 31.0243, 0.1939,
0.2162

■ 29.8764, 0.1920,
0.2111

Harmonies

Analogous

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



71.5678, 0.2898, 0.3251



71.5678, 0.2878, 0.3145



71.5678, 0.2923, 0.3081

Triad

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



71.5678, 0.2878, 0.3145



71.5678, 0.3277, 0.3211



71.5678, 0.3229, 0.3517

Complementary

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



71.5678, 0.2878, 0.3145



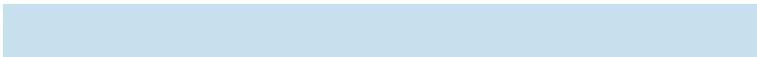
69.2125, 0.3409, 0.3431

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.



71.5678, 0.3334, 0.3500



71.5678, 0.2878, 0.3145



71.5678, 0.3362, 0.3322

Square

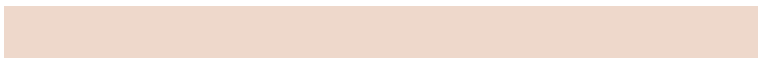
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5678, 0.2878, 0.3145



71.5678, 0.3152, 0.3120



71.5678, 0.3383, 0.3428



71.5678, 0.3099, 0.3469

Rectangle

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



71.5678, 0.2878, 0.3145



71.5678, 0.2984, 0.3070



71.5678, 0.3383, 0.3428



71.5678, 0.3268, 0.3518

Sweetspot

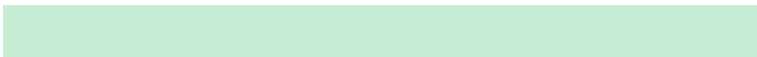
The Sweet Spot groups the original color and five complimentary colors.



71.5708, 0.2878, 0.3145



94.9105, 0.3050, 0.3247



77.4574, 0.3031, 0.3575



20.1654, 0.3039, 0.3241



0.0000, 0.0000, 0.0000



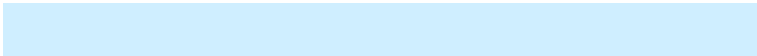
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5708, 0.2878, 0.3145



81.8191, 0.2831, 0.3115



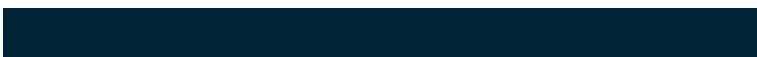
62.0680, 0.2869, 0.2931



16.2039, 0.2981, 0.3207



16.5610, 0.1926, 0.2132



1.4780, 0.1975, 0.2311

Inverse Universe

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



64.2258, 0.3241, 0.3025



71.8661, 0.3266, 0.2973



79.1056, 0.3378, 0.3625



15.2211, 0.3190, 0.3136



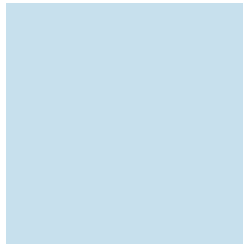
11.1647, 0.4306, 0.2146



0.8946, 0.4115, 0.2040

Previews

White Background



This preview shows how the Yxy color 71.5678, 0.2878, 0.3145 looks on a white background.

Color Contrast Check

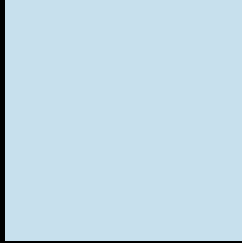
Large Text (above 18pt) WCAG AA × Fail

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 71.5678, 0.2878, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

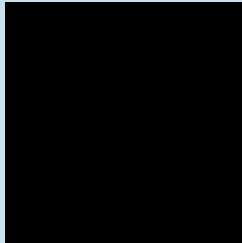
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

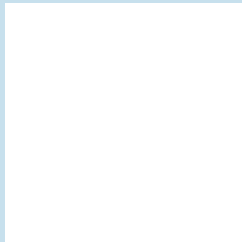
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5678, 0.2878, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 71.5678, 0.2878, 0.3145.

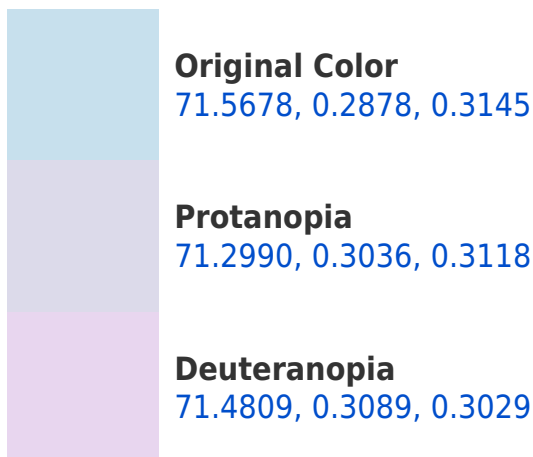


This preview shows how white text looks on a background with the Yxy color 71.5678, 0.2878, 0.3145.

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

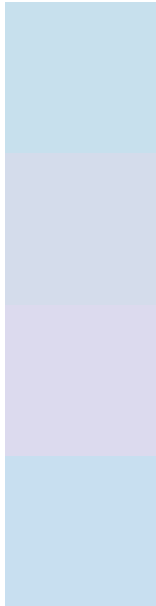




Tritanopia

71.4056, 0.2861, 0.3091

Trichromacy



Original Color

71.5678, 0.2878, 0.3145

Protanomaly

71.1816, 0.2975, 0.3126

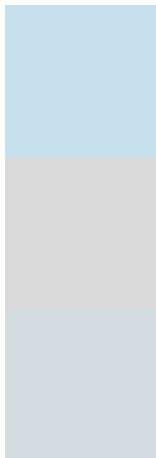
Deuteranomaly

71.5315, 0.3011, 0.3076

Tritanomaly

71.3460, 0.2867, 0.3102

Monochromacy



Original Color

71.5678, 0.2878, 0.3145

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4715, 0.3031, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5678, 0.2878, 0.3145 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(199, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 237)  
}
```

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(199, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 237) }
```

Border

The CSS property to change the border of an element to Yxy 71.5678, 0.2878, 0.3145 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(199, 224, 237) }
```

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

```
.border{ border-color:rgb(199, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5678, 0.2878, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 237) }
```

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

```
.background{ background-color: rgb(199,  
224, 237) }
```

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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