

Converting Colors

$Yxy(71.3878, 0.2875, 0.3145)$

Have a look what the booklet for
Yxy(71.3878, 0.2875, 0.3145)
contains.

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Color

Yxy(71.4315, 0.2872, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	C6E0ED
RGB	198, 224, 237
RGB Percent	78%, 88%, 93%
CMY	0.2235, 0.1216, 0.0706
CMYK	0.16, 0.05, 0.00, 0.07
HSL	200°, 52%, 85%
HSV	200°, 16%, 93%
XYZ	65.2309, 71.4315, 90.4648
YIQ	217.7080, -19.6690, -1.4690

Conversions

Conversions Part 2

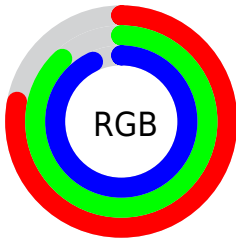
Format	Color
R _{YB}	198, 214, 237
Decimal	13033709
CIE Lab	87.69, -5.92, -9.24
CIE LCh	88, 10.971, 237.339
Yxy	71.4315, 0.2872, 0.3145
Android (android.graphics.Color)	4291223789 (0xFFC6E0ED)
YUV	217.7080, 9.5110, -17.2839
Hunter-Lab	84.5172, -10.1375, -4.3003

Details

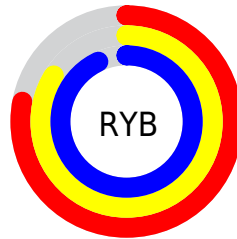
The Yxy color **71.4315, 0.2872, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6696, 0.3418, 0.3431**, and the grayscale version is **69.8453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6414, 0.2816, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **64.3148, 0.2717, 0.3045**, and if you desaturate by 10%, it is **79.2551, 0.3028, 0.3236**.

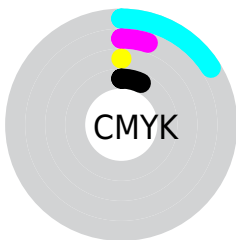
Distribution



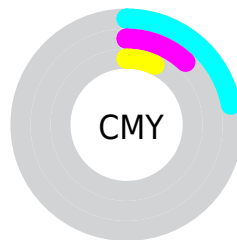
- Red (78%)
- Green (88%)
- Blue (93%)



- 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 71.4315, 0.2872, 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 71.4315, 0.2872, 0.3145 by changing the saturation by 10% instead.

■ 71.4315, 0.2872,
0.3145

■ 71.4315, 0.2872,
0.3145

465.5604, 0.2990,
0.3213

■ 52.6944, 0.2845,
0.3129

121.2479, 0.2913,
0.3169

■ 37.5589, 0.2812,
0.3109

153.0961, 0.2929,
0.3178

■ 25.6405, 0.2771,
0.3084

190.0833, 0.2942,
0.3186

■ 16.5549, 0.2716,
0.3051

232.5941, 0.2954,
0.3193

■ 9.9177, 0.2643,
0.3005

281.0128, 0.2965,
0.3199

■ 5.3444, 0.2537,
0.2938

335.7238, 0.2974,

■ 2.4507, 0.2374,

0.3204

0.2830

397.1116, 0.2982,
0.3209

0.8518, 0.2061,
0.2639

0.0000, 0.0000,
0.0000

71.4315, 0.2872,
0.3145

71.4315, 0.2872,
0.3145

64.3148, 0.2717,
0.3045

79.2551, 0.3028,
0.3236

57.8703, 0.2567,
0.2936

87.8013, 0.3181,
0.3318

52.0728, 0.2424,
0.2820

94.3214, 0.3239,
0.3394

46.8922, 0.2292,
0.2698

98.8941, 0.3232,
0.3464

■ 42.2952, 0.2176,
0.2571

■ 38.2444, 0.2079,
0.2442

■ 34.6965, 0.2002,
0.2314

■ 31.5979, 0.1946,
0.2188

■ 30.5759, 0.1929,
0.2143

Harmonies

Analogous

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



71.4315, 0.2895, 0.3254



71.4315, 0.2872, 0.3145



71.4315, 0.2916, 0.3078

Triad

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



71.4315, 0.2872, 0.3145



71.4315, 0.3276, 0.3205



71.4315, 0.3236, 0.3522

Complementary

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



71.4315, 0.2872, 0.3145



68.6696, 0.3418, 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.



71.4315, 0.3341, 0.3503



71.4315, 0.2872, 0.3145



71.4315, 0.3365, 0.3319

Square

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



71.4315, 0.2872, 0.3145



71.4315, 0.3147, 0.3114



71.4315, 0.3389, 0.3428



71.4315, 0.3103, 0.3476

Rectangle

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



71.4315, 0.2872, 0.3145



71.4315, 0.2977, 0.3065



71.4315, 0.3389, 0.3428



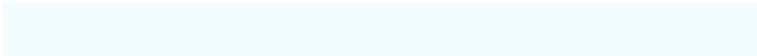
71.4315, 0.3276, 0.3523

Sweetspot

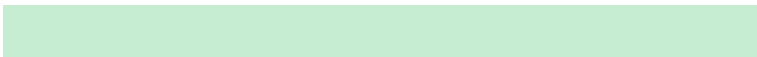
The Sweet Spot groups the original color and five complimentary colors.



71.4344, 0.2872, 0.3145



94.9807, 0.3050, 0.3248



77.2429, 0.3033, 0.3590



20.1825, 0.3039, 0.3242



0.0000, 0.0000, 0.0000



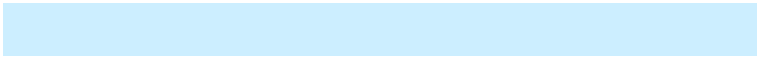
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4344, 0.2872, 0.3145



81.2099, 0.2816, 0.3110



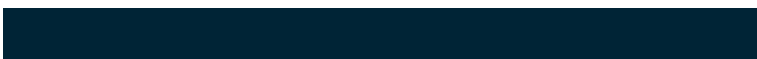
61.8587, 0.2862, 0.2929



16.2271, 0.2981, 0.3210



16.9453, 0.1935, 0.2164



1.5062, 0.1983, 0.2338

Inverse Universe

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



63.7780, 0.3241, 0.3014



70.6191, 0.3271, 0.2951



78.5896, 0.3386, 0.3627



15.2235, 0.3189, 0.3134



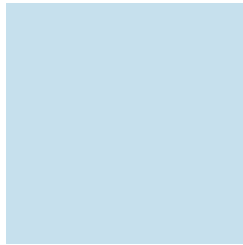
11.2034, 0.4271, 0.2127



0.8975, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 71.4315, 0.2872, 0.3145 looks on a white background.

Color Contrast Check

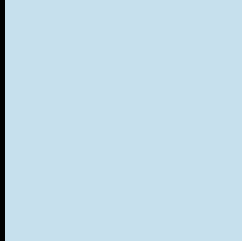
Large Text (above 18pt) WCAG AA × Fail

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 71.4315, 0.2872, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

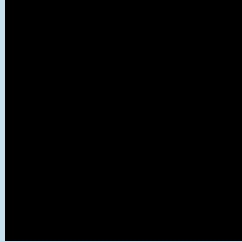
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

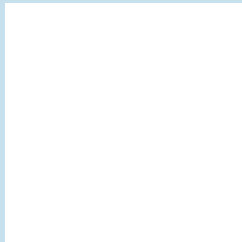
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4315, 0.2872, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 71.4315, 0.2872, 0.3145.

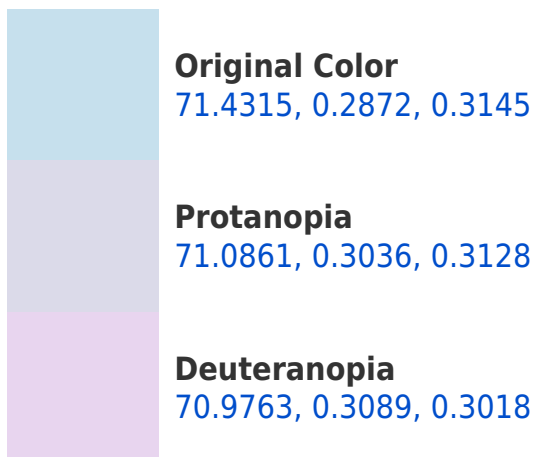


This preview shows how white text looks on a background with the Yxy color 71.4315, 0.2872, 0.3145.

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

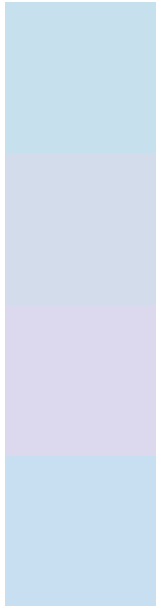




Tritanopia

71.2683, 0.2854, 0.3091

Trichromacy



Original Color

71.4315, 0.2872, 0.3145

Protanomaly

70.9758, 0.2975, 0.3137

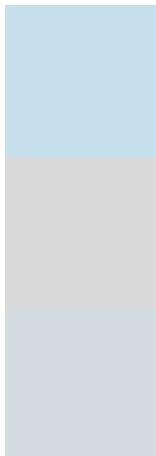
Deuteranomaly

71.0144, 0.3011, 0.3065

Tritanomaly

71.2087, 0.2860, 0.3101

Monochromacy



Original Color

71.4315, 0.2872, 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 71.4315, 0.2872, 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(198, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 237) }
```

Border

The CSS property to change the border of an element to Yxy 71.4315, 0.2872, 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(198, 224, 237) }
```

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

```
.border{ border-color:rgb(198, 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(198, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4315, 0.2872, 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(198, 224, 237) }
```

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

```
.background{ background-color: rgb(198,  
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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