

Converting Colors

$Yxy(71.7944, 0.2891, 0.3145)$

Have a look what the booklet for
Yxy(71.7944, 0.2891, 0.3145)
contains.

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Color

Yxy(71.8432, 0.2891, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0ED
RGB	201, 224, 237
RGB Percent	79%, 88%, 93%
CMY	0.2119, 0.1215, 0.0706
CMYK	0.15, 0.05, 0.00, 0.07
HSL	202°, 50%, 86%
HSV	202°, 15%, 93%
XYZ	66.0199, 71.8432, 90.5005
YIQ	218.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

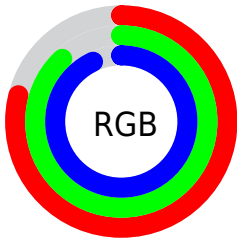
Format	Color
R _Y B	201, 215, 237
Decimal	13230317
CIE Lab	87.89, -5.01, -8.92
CIE LCh	88, 10.228, 240.690
Yxy	71.8432, 0.2891, 0.3146
Android (android.graphics.Color)	4291420397 (0xFFC9E0ED)
YUV	218.6050, 9.0687, -15.4396
Hunter-Lab	84.7604, -9.2968, -3.9730

Details

The Yxy color **71.8432, 0.2891, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2798, 0.3391, 0.3430**, and the grayscale version is **70.4932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9152, 0.2840, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **64.3383, 0.2735, 0.3039**, and if you desaturate by 10%, it is **80.0910, 0.3047, 0.3243**.

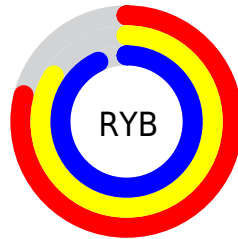
Distribution



Red (79%)

Green (88%)

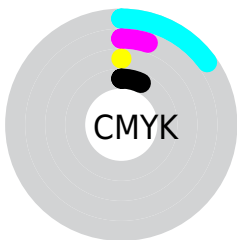
Blue (93%)



Red (79%)

Yellow (84%)

Blue (93%)

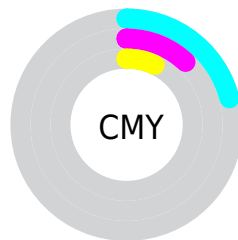


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8432, 0.2891, 0.3146 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 71.8432, 0.2891, 0.3146 by changing the saturation by 10% instead.

■ 71.8432, 0.2891,
0.3146

■ 71.8432, 0.2891,
0.3146

466.9957, 0.3000,
0.3214

■ 53.0306, 0.2866,
0.3130

121.8336, 0.2929,
0.3170

■ 37.8272, 0.2836,
0.3111

153.7801, 0.2943,
0.3179

■ 25.8486, 0.2797,
0.3086

190.8735, 0.2956,
0.3187

■ 16.7104, 0.2747,
0.3054

233.4980, 0.2967,
0.3193

■ 10.0282, 0.2679,
0.3009

282.0381, 0.2977,
0.3199

■ 5.4177, 0.2581,
0.2943

336.8781, 0.2985,

■ 2.4944, 0.2430,

0.3205

0.2838

398.4025, 0.2993,
0.3209

■ 0.8738, 0.2150,
0.2652

■ 0.0000, 0.0000,
0.0000

■ 71.8432, 0.2891,
0.3146

■ 71.8432, 0.2891,
0.3146

■ 64.3383, 0.2735,
0.3039

■ 80.0910, 0.3047,
0.3243

■ 57.5409, 0.2581,
0.2922

■ 89.0977, 0.3200,
0.3331

■ 51.4257, 0.2434,
0.2797

■ 95.5096, 0.3237,
0.3413

■ 45.9618, 0.2298,
0.2665

■ 98.8939, 0.3232,
0.3464

■ 41.1157, 0.2176,
0.2527

■ 36.8499, 0.2072,
0.2387

■ 33.1209, 0.1988,
0.2247

■ 29.8765, 0.1926,
0.2110

■ 28.4547, 0.1902,
0.2045

Harmonies

Analogous

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



71.8432, 0.2905, 0.3244



71.8432, 0.2891, 0.3146



71.8432, 0.2938, 0.3089

Triad

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



71.8432, 0.2891, 0.3146



71.8432, 0.3277, 0.3222



71.8432, 0.3215, 0.3504

Complementary

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



71.8432, 0.2891, 0.3146



70.2798, 0.3391, 0.3430

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.



71.8432, 0.3318, 0.3493



71.8432, 0.2891, 0.3146



71.8432, 0.3354, 0.3329

Square

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



71.8432, 0.2891, 0.3146



71.8432, 0.3160, 0.3134



71.8432, 0.3369, 0.3428



71.8432, 0.3091, 0.3454

Rectangle

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



71.8432, 0.2891, 0.3146



71.8432, 0.2999, 0.3080



71.8432, 0.3369, 0.3428



71.8432, 0.3254, 0.3507

Sweetspot

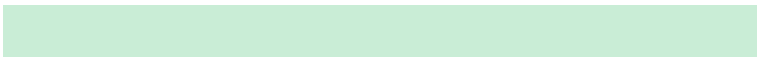
The Sweet Spot groups the original color and five complimentary colors.



71.8462, 0.2891, 0.3146



94.7668, 0.3050, 0.3245



77.8089, 0.3032, 0.3551



20.1305, 0.3039, 0.3238



0.0000, 0.0000, 0.0000



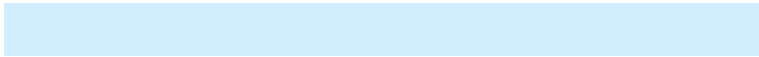
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8462, 0.2891, 0.3146



82.2130, 0.2846, 0.3116



62.8456, 0.2883, 0.2945



16.1565, 0.2981, 0.3203



15.7940, 0.1908, 0.2068



1.4214, 0.1960, 0.2256

Inverse Universe

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



65.1414, 0.3239, 0.3046



73.1107, 0.3263, 0.2998



79.6993, 0.3363, 0.3613



15.2163, 0.3193, 0.3140



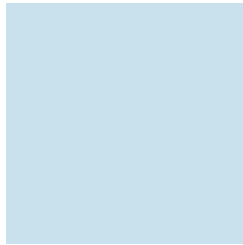
11.0872, 0.4377, 0.2185



0.8889, 0.4173, 0.2072

Previews

White Background



This preview shows how the Yxy color 71.8432, 0.2891, 0.3146 looks on a white background.

Color Contrast Check

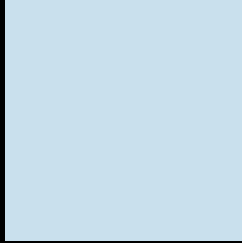
Large Text (above 18pt) WCAG AA × Fail

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 71.8432, 0.2891, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

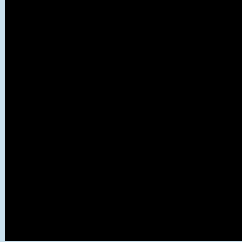
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

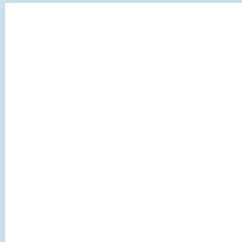
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8432, 0.2891, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 71.8432, 0.2891, 0.3146.

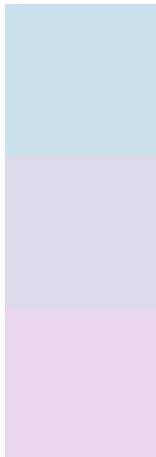


This preview shows how white text looks on a background with the Yxy color 71.8432, 0.2891, 0.3146.

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

71.8432, 0.2891, 0.3146

Protanopia

71.8192, 0.3036, 0.3129

Deuteranopia

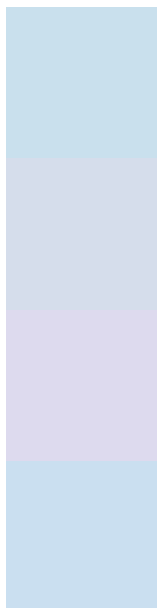
71.6488, 0.3096, 0.3029



Tritanopia

71.6828, 0.2874, 0.3092

Trichromacy



Original Color

71.8432, 0.2891, 0.3146

Protanomaly

71.8572, 0.2982, 0.3138

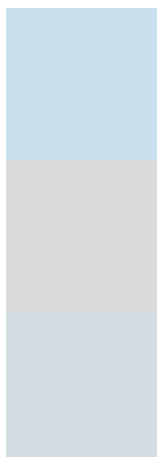
Deuteranomaly

71.6880, 0.3018, 0.3076

Tritanomaly

71.6232, 0.2879, 0.3103

Monochromacy



Original Color

71.8432, 0.2891, 0.3146

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 71.8432, 0.2891, 0.3146 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 237) }
```

Border

The CSS property to change the border of an element to Yxy 71.8432, 0.2891, 0.3146 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, 237) }
```

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

```
.border{ border-color:rgb(201, 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(201, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8432, 0.2891, 0.3146 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, 237) }
```

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

```
.background{ background-color: rgb(201,  
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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