

Converting Colors

$Y_{xy}(71.8255, 0.2930, 0.3115)$

Have a look what the booklet for
Yxy(71.8255, 0.2930, 0.3115)
contains.

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Color

Yxy(71.8255, 0.2930, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	D0DEEE
RGB	208, 222, 238
RGB Percent	82%, 87%, 93%
CMY	0.1844, 0.1294, 0.0666
CMYK	0.13, 0.07, 0.00, 0.07
HSL	212°, 47%, 87%
HSV	212°, 13%, 93%
XYZ	67.5598, 71.8255, 91.1942
YIQ	219.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

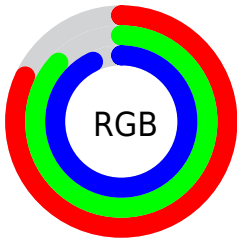
Format	Color
R _Y B	208, 218, 238
Decimal	13688558
CIE Lab	87.88, -1.55, -9.41
CIE LCh	88, 9.540, 260.626
Yxy	71.8255, 0.2930, 0.3115
Android (android.graphics.Color)	4291878638 (0xFFD0DEEE)
YUV	219.6380, 9.0525, -10.2065
Hunter-Lab	84.7499, -6.0182, -4.4734

Details

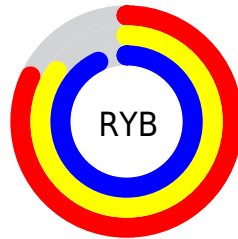
The Yxy color **71.8255, 0.2930, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0203, 0.3335, 0.3459**, and the grayscale version is **71.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7871, 0.2881, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **62.1535, 0.2766, 0.2958**, and if you desaturate by 10%, it is **82.5270, 0.3087, 0.3256**.

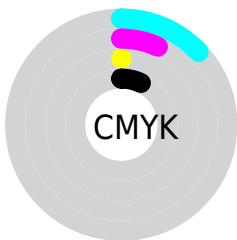
Distribution



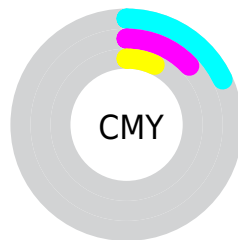
- Red (82%)
- Green (87%)
- Blue (93%)



- Red (82%)
- Yellow (85%)
- Blue (93%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8255, 0.2930, 0.3115 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 71.8255, 0.2930, 0.3115 by changing the saturation by 10% instead.

■ 71.8255, 0.2930,
0.3115

■ 71.8255, 0.2930,
0.3115

466.9340, 0.3021,
0.3196

■ 53.0161, 0.2909,
0.3096

121.8084, 0.2962,
0.3143

■ 37.8157, 0.2884,
0.3073

153.7507, 0.2974,
0.3154

■ 25.8396, 0.2851,
0.3044

190.8395, 0.2984,
0.3164

■ 16.7037, 0.2809,
0.3006

233.4592, 0.2994,
0.3172

■ 10.0235, 0.2751,
0.2953

281.9940, 0.3002,
0.3179

■ 5.4145, 0.2668,
0.2878

336.8285, 0.3009,

■ 2.4925, 0.2539,

0.3186

0.2759

398.3471, 0.3015,
0.3191

0.8729, 0.2310,
0.2547

0.0000, 0.0000,
0.0000

71.8255, 0.2930,
0.3115

71.8255, 0.2930,
0.3115

62.1535, 0.2766,
0.2958

82.5270, 0.3087,
0.3256

53.4680, 0.2599,
0.2786

94.1730, 0.3233,
0.3381

45.7359, 0.2433,
0.2598

98.9533, 0.3226,
0.3454

38.9185, 0.2271,
0.2399

■ 32.9738, 0.2120,
0.2192

■ 27.8560, 0.1985,
0.1982

■ 23.5134, 0.1872,
0.1776

■ 19.8857, 0.1785,
0.1579

■ 17.6057, 0.1735,
0.1444

Harmonies

Analogous

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



71.8255, 0.2905, 0.3183



71.8255, 0.2930, 0.3115



71.8255, 0.3008, 0.3094

Triad

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



71.8255, 0.2930, 0.3115



71.8255, 0.3320, 0.3293



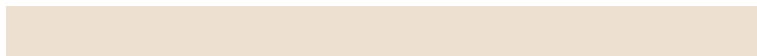
71.8255, 0.3133, 0.3464

Complementary

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



71.8255, 0.2930, 0.3115



76.0203, 0.3335, 0.3459

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.



71.8255, 0.3245, 0.3493



71.8255, 0.2930, 0.3115



71.8255, 0.3355, 0.3391

Square

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



71.8255, 0.2930, 0.3115



71.8255, 0.3233, 0.3196



71.8255, 0.3327, 0.3464



71.8255, 0.3020, 0.3387

Rectangle

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



71.8255, 0.2930, 0.3115



71.8255, 0.3079, 0.3109



71.8255, 0.3327, 0.3464



71.8255, 0.3172, 0.3480

Sweetspot

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



71.8285, 0.2930, 0.3115



94.7005, 0.3066, 0.3237



79.9112, 0.3019, 0.3448



20.0612, 0.3054, 0.3227



0.0000, 0.0000, 0.0000



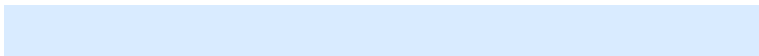
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8285, 0.2930, 0.3115



81.1416, 0.2891, 0.3078



64.7481, 0.2930, 0.2958



16.4473, 0.2980, 0.3161



10.0757, 0.1742, 0.1472



1.0356, 0.1811, 0.1719

Inverse Universe

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



68.5493, 0.3254, 0.3142



76.7340, 0.3283, 0.3113



83.7956, 0.3312, 0.3602



15.8819, 0.3220, 0.3180



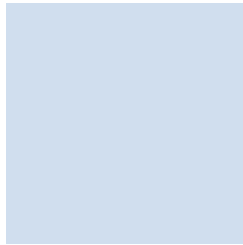
10.8105, 0.5096, 0.2581



0.9193, 0.4783, 0.2408

Previews

White Background



This preview shows how the Yxy color 71.8255, 0.2930, 0.3115 looks on a white background.

Color Contrast Check

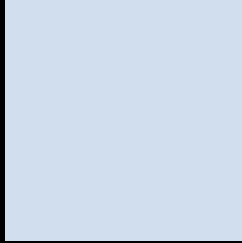
Large Text (above 18pt) WCAG AA × Fail

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 71.8255, 0.2930, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

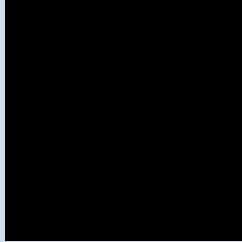
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

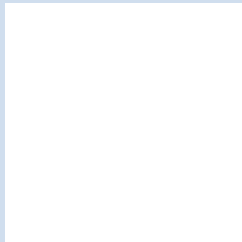
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8255, 0.2930, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 71.8255, 0.2930, 0.3115.



This preview shows how white text looks on a background with the Yxy color 71.8255, 0.2930, 0.3115.

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

71.8255, 0.2930, 0.3115

Protanopia

71.7792, 0.3017, 0.3107

Deuteranopia

71.7080, 0.3090, 0.3019



Tritanopia

71.8844, 0.2924, 0.3104

Trichromacy



Original Color

71.8255, 0.2930, 0.3115

Protanomaly

71.7479, 0.2983, 0.3106

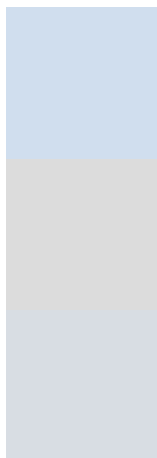
Deuteranomaly

71.7050, 0.3032, 0.3057

Tritanomaly

71.8844, 0.2924, 0.3104

Monochromacy



Original Color

71.8255, 0.2930, 0.3115

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8579, 0.3053, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8255, 0.2930, 0.3115 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(208, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(208, 222, 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(208, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.8255, 0.2930, 0.3115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

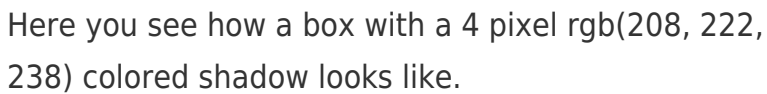
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 222, 238) }
```

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

```
.border{ border-color:rgb(208, 222, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 222, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 222, 238); box-shadow:4px 4px 4px 4px rgb(208, 222, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8255, 0.2930, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 222, 238) }
```

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

```
.background{ background-color: rgb(208,  
222, 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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