

Converting Colors

$Yxy(83.6387, 0.2329, 0.2005)$

Have a look what the booklet for
Yxy(83.6387, 0.2329, 0.2005)
contains.

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Color

Yxy(73.5318, 0.2880, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDFF
RGB	216, 221, 255
RGB Percent	85%, 87%, 100%
CMY	0.1530, 0.1333, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	232°, 100%, 92%
HSV	232°, 15%, 100%
XYZ	72.2277, 73.5318, 105.0311
YIQ	223.3810, -13.8940, 9.5140

Conversions

Conversions Part 2

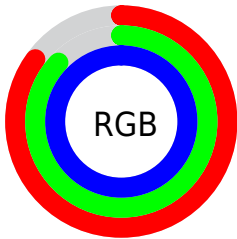
Format	Color
R _Y B	216, 220, 255
Decimal	14212607
CIE Lab	88.70, 4.98, -17.09
CIE LCh	89, 17.804, 286.233
Yxy	73.5318, 0.2880, 0.2932
Android (android.graphics.Color)	4292402687 (0xFFD8DDFF)
YUV	223.3810, 15.5882, -6.4731
Hunter-Lab	85.7507, 0.2866, -12.5954

Details

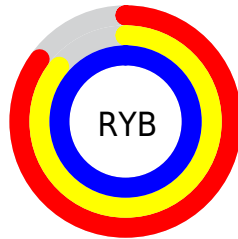
The Yxy color **73.5318, 0.2880, 0.2932** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.5782, 0.3365, 0.3624**, and the grayscale version is **73.9693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9267, 0.2825, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **58.9770, 0.2698, 0.2661**, and if you desaturate by 10%, it is **90.2425, 0.3046, 0.3174**.

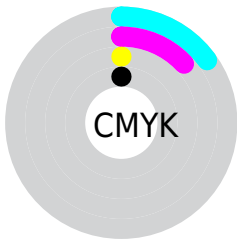
Distribution



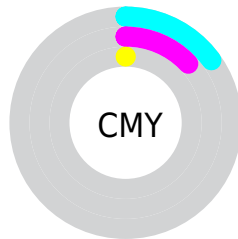
- Red (85%)
- Green (87%)
- Blue (100%)



- Red (85%)
- Yellow (86%)
- Blue (100%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5318, 0.2880, 0.2932 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 73.5318, 0.2880, 0.2932 by changing the saturation by 10% instead.

■ 73.5318, 0.2880,
0.2932

■ 73.5318, 0.2880,
0.2932

472.8559, 0.2994,
0.3095

■ 54.4109, 0.2854,
0.2896

124.2319, 0.2920,
0.2988

■ 38.9303, 0.2822,
0.2851

156.5799, 0.2935,
0.3010

■ 26.7055, 0.2782,
0.2795

194.1057, 0.2948,
0.3029

■ 17.3522, 0.2729,
0.2723

237.1937, 0.2960,
0.3045

■ 10.4859, 0.2658,
0.2627

286.2283, 0.2970,
0.3060

■ 5.7223, 0.2557,
0.2493

341.5940, 0.2979,

■ 2.6770, 0.2403,

0.3073

0.2292

403.6750, 0.2987,
0.3084

■ 0.9655, 0.2143,
0.1966

■ 0.0000, 0.0000,
0.0000

■ 73.5318, 0.2880,
0.2932

■ 73.5318, 0.2880,
0.2932

■ 58.9770, 0.2698,
0.2661

■ 90.2425, 0.3046,
0.3174

■ 46.4894, 0.2502,
0.2364

100.0000, 0.3127,
0.3290

■ 35.9748, 0.2298,
0.2046

■ 27.3315, 0.2095,
0.1722

■ 20.4485, 0.1906,
0.1408

■ 15.2030, 0.1745,
0.1126

■ 11.4556, 0.1622,
0.0895

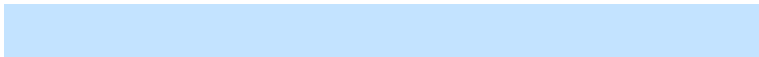
■ 9.0430, 0.1545,
0.0732

■ 8.2961, 0.1522,
0.0679

Harmonies

Analogous

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



73.5318, 0.2753, 0.2979



73.5318, 0.2880, 0.2932



73.5318, 0.3076, 0.2975

Triad

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



73.5318, 0.2880, 0.2932



73.5318, 0.3550, 0.3445



73.5318, 0.2956, 0.3497

Complementary

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



73.5318, 0.2880, 0.2932



94.5782, 0.3365, 0.3624

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.



73.5318, 0.3166, 0.3633



73.5318, 0.2880, 0.2932



73.5318, 0.3513, 0.3594

Square

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



73.5318, 0.2880, 0.2932



73.5318, 0.3468, 0.3264



73.5318, 0.3371, 0.3667



73.5318, 0.2796, 0.3303

Rectangle

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



73.5318, 0.2880, 0.2932



73.5318, 0.3222, 0.3048



73.5318, 0.3371, 0.3667



73.5318, 0.3023, 0.3552

Sweetspot

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



73.5319, 0.2880, 0.2932



90.7764, 0.3051, 0.3181



93.0065, 0.2922, 0.3343



19.1621, 0.3040, 0.3165



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.



73.5319, 0.2880, 0.2932



69.3918, 0.2833, 0.2862



73.1966, 0.2974, 0.2890



17.7541, 0.2979, 0.3076



4.4506, 0.1527, 0.0695



0.5453, 0.1569, 0.0850

Inverse Universe

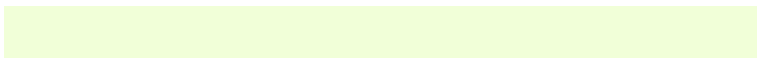
The Inverse Universe completely reimagines the original color for something new.



75.5859, 0.3380, 0.3240



71.8164, 0.3434, 0.3231



95.1244, 0.3264, 0.3682



18.0251, 0.3274, 0.3260



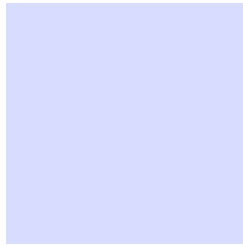
11.1772, 0.6240, 0.3211



1.0996, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 73.5318, 0.2880, 0.2932 looks on a white background.

Color Contrast Check

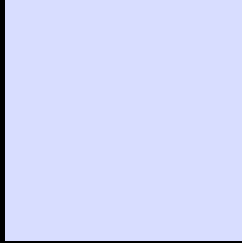
Large Text (above 18pt) WCAG AA × Fail

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 73.5318, 0.2880, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

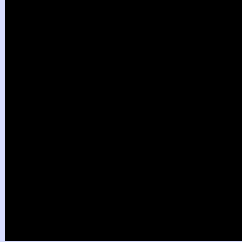
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5318, 0.2880, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 73.5318, 0.2880, 0.2932.

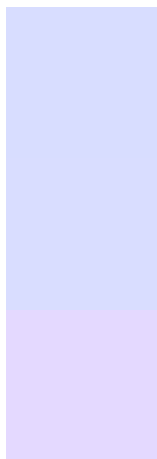


This preview shows how white text looks on a background with the Yxy color 73.5318, 0.2880, 0.2932.

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

73.5318, 0.2880, 0.2932

Protanopia

73.6846, 0.2887, 0.2933

Deuteranopia

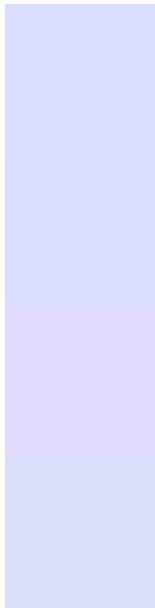
73.3397, 0.2959, 0.2899



Tritanopia

73.4224, 0.2952, 0.3096

Trichromacy



Original Color

73.5318, 0.2880, 0.2932

Protanomaly

73.6846, 0.2887, 0.2933

Deuteranomaly

73.2101, 0.2932, 0.2906

Tritanomaly

73.3434, 0.2928, 0.3034

Monochromacy



Original Color

73.5318, 0.2880, 0.2932

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4564, 0.3030, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5318, 0.2880, 0.2932 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(216, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 255)  
}
```

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(216, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.5318, 0.2880, 0.2932 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(216, 221, 255) }
```

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

```
.border{ border-color:rgb(216, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5318, 0.2880, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 255) }
```

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

```
.background{ background-color: rgb(216,  
221, 255) }
```

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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