

Converting Colors

$Yxy(73.5053, 0.2860, 0.2981)$

Have a look what the booklet for
Yxy(73.5053, 0.2860, 0.2981)
contains.

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Color

Yxy(73.5053, 0.2860, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFFC
RGB	210, 223, 252
RGB Percent	82%, 87%, 99%
CMY	0.1767, 0.1254, 0.0118
CMYK	0.17, 0.11, 0.00, 0.01
HSL	221°, 87%, 91%
HSV	221°, 17%, 99%
XYZ	70.5217, 73.5053, 102.5523
YIQ	222.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

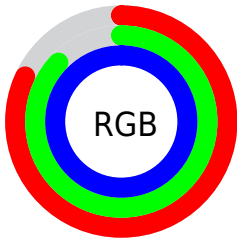
Format	Color
R _Y B	210, 220, 252
Decimal	13819900
CIE Lab	88.69, 1.41, -15.55
CIE LCh	89, 15.613, 275.182
Yxy	73.5053, 0.2860, 0.2981
Android (android.graphics.Color)	4292009980 (0xFFD2DFFC)
YUV	222.4190, 14.5834, -10.8915
Hunter-Lab	85.7352, -3.2111, -10.9052

Details

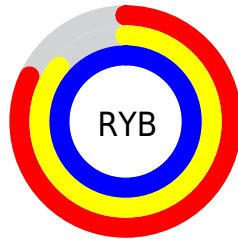
The Yxy color **73.5053, 0.2860, 0.2981** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0186, 0.3399, 0.3581**, and the grayscale version is **73.2577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9140, 0.2800, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **61.2916, 0.2686, 0.2766**, and if you desaturate by 10%, it is **87.2582, 0.3024, 0.3174**.

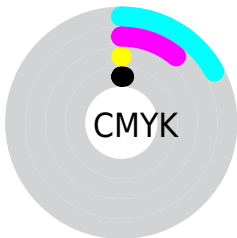
Distribution



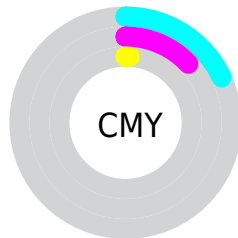
- Red (82%)
- Green (87%)
- Blue (99%)



- Red (82%)
- Yellow (86%)
- Blue (99%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5053, 0.2860, 0.2981 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 73.5053, 0.2860, 0.2981 by changing the saturation by 10% instead.

■ 73.5053, 0.2860,
0.2981

■ 73.5053, 0.2860,
0.2981

472.7642, 0.2983,
0.3123

■ 54.3892, 0.2832,
0.2949

124.1943, 0.2902,
0.3030

■ 38.9129, 0.2798,
0.2910

156.5360, 0.2919,
0.3049

■ 26.6920, 0.2755,
0.2861

194.0551, 0.2933,
0.3065

■ 17.3420, 0.2699,
0.2797

237.1358, 0.2946,
0.3080

■ 10.4787, 0.2623,
0.2711

286.1628, 0.2957,
0.3092

■ 5.7175, 0.2516,
0.2590

341.5202, 0.2966,

■ 2.6741, 0.2353,

0.3104

0.2406

403.5926, 0.2975,
0.3114

■ 0.9640, 0.2077,
0.2101

■ 0.0000, 0.0000,
0.0000

■ 73.5053, 0.2860,
0.2981

■ 73.5053, 0.2860,
0.2981

■ 61.2916, 0.2686,
0.2766

■ 87.2582, 0.3024,
0.3174

■ 50.5523, 0.2504,
0.2530

99.8073, 0.3145,
0.3319

■ 41.2313, 0.2320,
0.2277

■ 33.2649, 0.2141,
0.2013

■ 26.5844, 0.1974,
0.1746

■ 21.1140, 0.1829,
0.1489

■ 16.7684, 0.1713,
0.1253

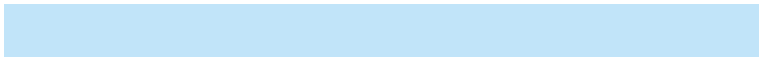
■ 13.4470, 0.1631,
0.1052

■ 12.5342, 0.1609,
0.0993

Harmonies

Analogous

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



73.5053, 0.2777, 0.3053



73.5053, 0.2860, 0.2981



73.5053, 0.3015, 0.2990

Triad

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



73.5053, 0.2860, 0.2981



73.5053, 0.3483, 0.3370



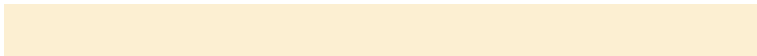
73.5053, 0.3043, 0.3523

Complementary

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



73.5053, 0.2860, 0.2981



87.0186, 0.3399, 0.3581

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.



73.5053, 0.3232, 0.3612



73.5053, 0.2860, 0.2981



73.5053, 0.3489, 0.3516

Square

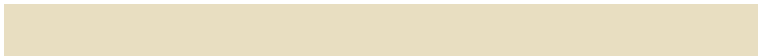
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5053, 0.2860, 0.2981



73.5053, 0.3377, 0.3210



73.5053, 0.3396, 0.3607



73.5053, 0.2881, 0.3367

Rectangle

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



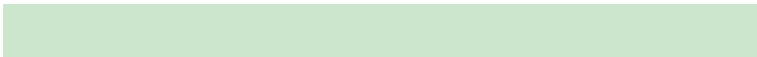
73.5053, 0.2860, 0.2981



73.5053, 0.3140, 0.3038



73.5053, 0.3396, 0.3607



73.5053, 0.3106, 0.3562

Sweetspot

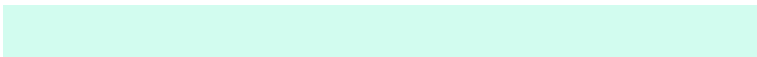
The Sweet Spot groups the original color and five complimentary colors.



73.5083, 0.2860, 0.2981



92.1853, 0.3051, 0.3204



89.5166, 0.2946, 0.3429



19.5034, 0.3040, 0.3191



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.



73.5083, 0.2860, 0.2981



71.1751, 0.2803, 0.2912



67.9431, 0.2905, 0.2844



17.5241, 0.2979, 0.3122



6.7599, 0.1617, 0.1021



0.8063, 0.1682, 0.1254

Inverse Universe

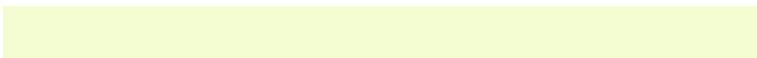
The Inverse Universe completely reimagines the original color for something new.



72.0859, 0.3351, 0.3158



69.6061, 0.3405, 0.3130



93.5438, 0.3327, 0.3713



17.3142, 0.3245, 0.3216



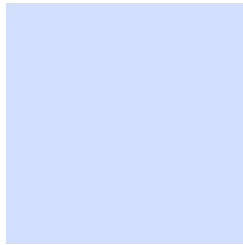
11.0933, 0.5726, 0.2928



1.0456, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 73.5053, 0.2860, 0.2981 looks on a white background.

Color Contrast Check

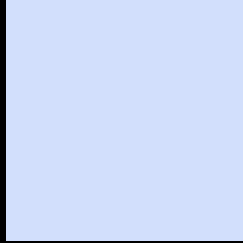
Large Text (above 18pt) WCAG AA × Fail

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 73.5053, 0.2860, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

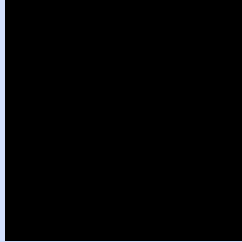
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

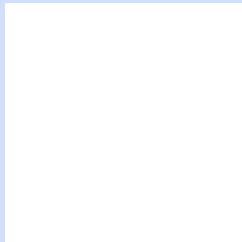
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5053, 0.2860, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 73.5053, 0.2860, 0.2981.



This preview shows how white text looks on a background with the Yxy color 73.5053, 0.2860, 0.2981.

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

73.5053, 0.2860, 0.2981

Protanopia

73.5834, 0.2917, 0.2974

Deuteranopia

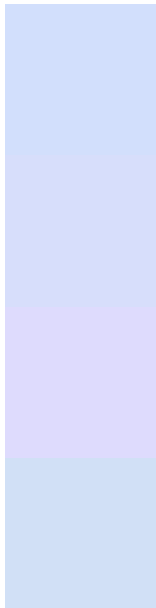
73.3756, 0.2978, 0.2919



Tritanopia

73.6711, 0.2907, 0.3106

Trichromacy



Original Color

73.5053, 0.2860, 0.2981

Protanomaly

73.6547, 0.2898, 0.2983

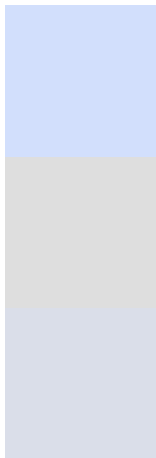
Deuteranomaly

73.2845, 0.2931, 0.2935

Tritanomaly

73.5204, 0.2890, 0.3053

Monochromacy



Original Color

73.5053, 0.2860, 0.2981

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0312, 0.3029, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5053, 0.2860, 0.2981 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(210, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 252)  
}
```

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(210, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 252) }
```

Border

The CSS property to change the border of an element to Yxy 73.5053, 0.2860, 0.2981 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(210, 223, 252) }
```

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

```
.border{ border-color:rgb(210, 223, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5053, 0.2860, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 252) }
```

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

```
.background{ background-color: rgb(210,  
223, 252) }
```

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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