

Converting Colors

$Yxy(73.8977, 0.2869, 0.2944)$

Have a look what the booklet for
Yxy(73.8977, 0.2869, 0.2944)
contains.

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Color

Yxy(73.7587, 0.2868, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	D6DEFF
RGB	214, 222, 255
RGB Percent	84%, 87%, 100%
CMY	0.1607, 0.1294, 0.0000
CMYK	0.16, 0.13, 0.00, 0.00
HSL	228°, 100%, 92%
HSV	228°, 16%, 100%
XYZ	71.9035, 73.7587, 105.0472
YIQ	223.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

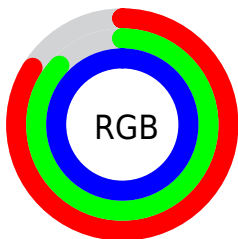
Format	Color
R_{YB}	214, 221, 255
Decimal	14081791
CIE Lab	88.81, 3.83, -16.92
CIE LCh	89, 17.347, 282.754
Yxy	73.7587, 0.2868, 0.2942
Android (android.graphics.Color)	4292271871 (0xFFD6DEFF)
YUV	223.3700, 15.5936, -8.2175
Hunter-Lab	85.8829, -0.8501, -12.4023

Details

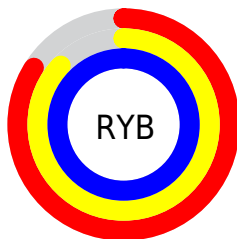
The Yxy color **73.7587, 0.2868, 0.2942** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.6353, 0.3381, 0.3616**, and the grayscale version is **73.9664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0856, 0.2810, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **59.9723, 0.2688, 0.2691**, and if you desaturate by 10%, it is **89.4791, 0.3034, 0.3167**.

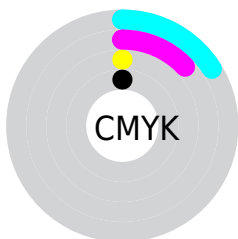
Distribution



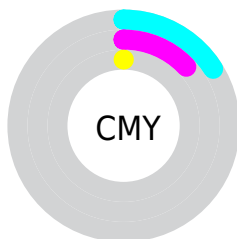
- Red (84%)
- Green (87%)
- Blue (100%)



- Red (84%)
- Yellow (87%)
- Blue (100%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7587, 0.2868, 0.2942 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 73.7587, 0.2868, 0.2942 by changing the saturation by 10% instead.

73.7587, 0.2868,
0.2942

73.7587, 0.2868,
0.2942

473.6401, 0.2987,
0.3100

54.5966, 0.2841,
0.2906

124.5537, 0.2909,
0.2996

39.0788, 0.2808,
0.2863

156.9553, 0.2925,
0.3018

26.8210, 0.2766,
0.2808

194.5389, 0.2939,
0.3036

17.4389, 0.2711,
0.2738

237.6889, 0.2951,
0.3052

10.5479, 0.2637,
0.2644

286.7896, 0.2962,
0.3066

5.7637, 0.2533,
0.2512

342.2254, 0.2971,

2.7019, 0.2374,

0.3079

0.2315

404.3808, 0.2980,
0.3090

■ 0.9782, 0.2106,
0.1994

■ 0.0000, 0.0000,
0.0000

■ 73.7587, 0.2868,
0.2942

■ 73.7587, 0.2868,
0.2942

■ 59.9723, 0.2688,
0.2691

■ 89.4791, 0.3034,
0.3167

■ 48.0355, 0.2496,
0.2414

99.9995, 0.3127,
0.3290

■ 37.8708, 0.2299,
0.2119

■ 29.3921, 0.2105,
0.1815

■ 22.5053, 0.1924,
0.1515

■ 17.1070, 0.1768,
0.1238

■ 13.0806, 0.1647,
0.1002

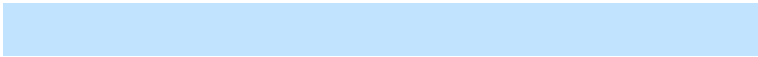
■ 10.2897, 0.1568,
0.0820

■ 9.4779, 0.1546,
0.0764

Harmonies

Analogous

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



73.7587, 0.2754, 0.2999



73.7587, 0.2868, 0.2942



73.7587, 0.3054, 0.2974

Triad

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



73.7587, 0.2868, 0.2942



73.7587, 0.3535, 0.3422



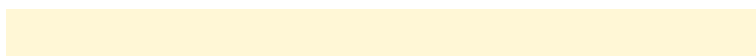
73.7587, 0.2983, 0.3511

Complementary

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



73.7587, 0.2868, 0.2942



92.6353, 0.3381, 0.3616

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.



73.7587, 0.3190, 0.3633



73.7587, 0.2868, 0.2942



73.7587, 0.3513, 0.3572

Square

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



73.7587, 0.2868, 0.2942



73.7587, 0.3443, 0.3244



73.7587, 0.3385, 0.3653



73.7587, 0.2819, 0.3325

Rectangle

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



73.7587, 0.2868, 0.2942



73.7587, 0.3195, 0.3040



73.7587, 0.3385, 0.3653



73.7587, 0.3050, 0.3561

Sweetspot

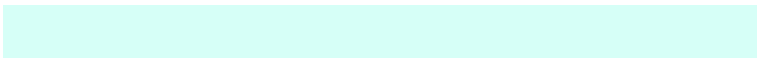
The Sweet Spot groups the original color and five complimentary colors.



73.7617, 0.2868, 0.2942



91.2871, 0.3051, 0.3189



92.5157, 0.2926, 0.3374



19.2858, 0.3040, 0.3174



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.



73.7617, 0.2868, 0.2942



69.5322, 0.2817, 0.2871



71.5362, 0.2947, 0.2866



17.9511, 0.2979, 0.3093



5.1145, 0.1552, 0.0786



0.6409, 0.1604, 0.0974

Inverse Universe

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



74.6312, 0.3375, 0.3210



70.6257, 0.3431, 0.3195



95.3717, 0.3289, 0.3701



18.0450, 0.3263, 0.3244



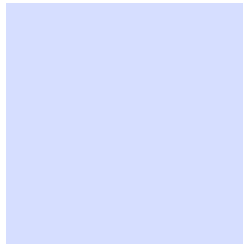
11.2443, 0.6093, 0.3130



1.1092, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 73.7587, 0.2868, 0.2942 looks on a white background.

Color Contrast Check

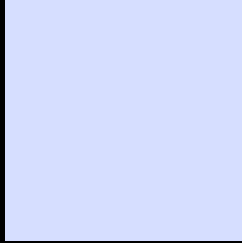
Large Text (above 18pt) WCAG AA × Fail

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 73.7587, 0.2868, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

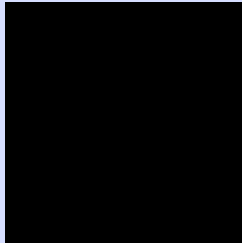
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7587, 0.2868, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 73.7587, 0.2868, 0.2942.

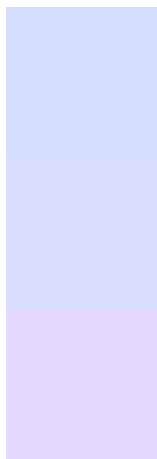


This preview shows how white text looks on a background with the Yxy color 73.7587, 0.2868, 0.2942.

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

73.7587, 0.2868, 0.2942

Protanopia

73.6204, 0.2893, 0.2943

Deuteranopia

73.5037, 0.2965, 0.2899



Tritanopia

73.7192, 0.2933, 0.3096

Trichromacy



Original Color

73.7587, 0.2868, 0.2942

Protanomaly

73.4676, 0.2886, 0.2942

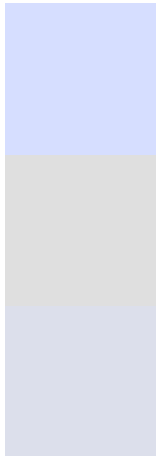
Deuteranomaly

73.7303, 0.2932, 0.2917

Tritanomaly

73.6369, 0.2909, 0.3034

Monochromacy



Original Color

73.7587, 0.2868, 0.2942

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9892, 0.3029, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7587, 0.2868, 0.2942 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(214, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 222, 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(214, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.7587, 0.2868, 0.2942 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(214, 222, 255) }
```

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

```
.border{ border-color:rgb(214, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7587, 0.2868, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 255) }
```

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

```
.background{ background-color: rgb(214,  
222, 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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