

Converting Colors

$Yxy(75.6669, 0.2759, 0.2838)$

Have a look what the booklet for
Yxy(75.6669, 0.2759, 0.2838)
contains.

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Color

Yxy(74.6257, 0.2838, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	D1E1FF
RGB	209, 225, 255
RGB Percent	82%, 88%, 100%
CMY	0.1801, 0.1177, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	219°, 100%, 91%
HSV	219°, 18%, 100%
XYZ	71.2850, 74.6257, 105.2697
YIQ	223.6360, -19.1660, 5.9380

Conversions

Conversions Part 2

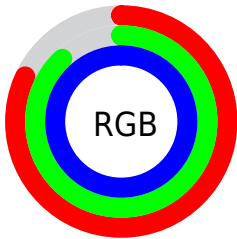
Format	Color
R _Y B	209, 221, 255
Decimal	13754879
CIE Lab	89.22, 0.76, -16.35
CIE LCh	89, 16.371, 272.648
Yxy	74.6257, 0.2838, 0.2971
Android (android.graphics.Color)	4291944959 (0xFFD1E1FF)
YUV	223.6360, 15.4625, -12.8358
Hunter-Lab	86.3862, -3.8794, -11.7802

Details

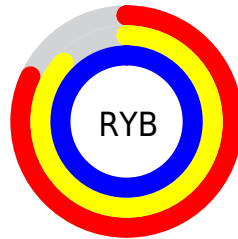
The Yxy color **74.6257, 0.2838, 0.2971** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.6458, 0.3426, 0.3590**, and the grayscale version is **74.1735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6967, 0.2772, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **62.6267, 0.2664, 0.2765**, and if you desaturate by 10%, it is **88.1028, 0.3003, 0.3157**.

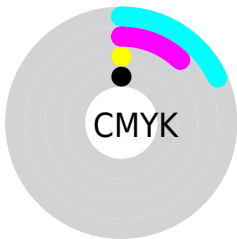
Distribution



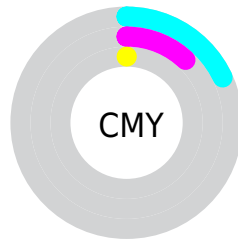
- Red (82%)
- Green (88%)
- Blue (100%)



- Red (82%)
- Yellow (87%)
- Blue (100%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6257, 0.2838, 0.2971 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 74.6257, 0.2838, 0.2971 by changing the saturation by 10% instead.

■ 74.6257, 0.2838,
0.2971

■ 74.6257, 0.2838,
0.2971

476.6301, 0.2970,
0.3117

■ 55.3063, 0.2808,
0.2938

125.7824, 0.2884,
0.3021

■ 39.6470, 0.2771,
0.2898

158.3885, 0.2901,
0.3041

■ 27.2634, 0.2725,
0.2847

196.1922, 0.2917,
0.3058

■ 17.7712, 0.2666,
0.2782

239.5781, 0.2930,
0.3073

■ 10.7858, 0.2585,
0.2694

288.9304, 0.2942,
0.3086

■ 5.9230, 0.2472,
0.2571

344.6335, 0.2953,

■ 2.7983, 0.2302,

0.3097

0.2386

407.0720, 0.2962,
0.3108

1.0274, 0.2018,
0.2080

0.0000, 0.0000,
0.0000

74.6257, 0.2838,
0.2971

74.6257, 0.2838,
0.2971

62.6267, 0.2664,
0.2765

88.1028, 0.3003,
0.3157

52.0469, 0.2485,
0.2539

100.0000, 0.3127,
0.3290

42.8314, 0.2306,
0.2298

34.9194, 0.2132,
0.2045

■ 28.2445, 0.1972,
0.1790

■ 22.7338, 0.1834,
0.1543

■ 18.3046, 0.1725,
0.1315

■ 14.8538, 0.1647,
0.1116

■ 14.2625, 0.1633,
0.1080

Harmonies

Analogous

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



74.6257, 0.2759, 0.3052



74.6257, 0.2838, 0.2971



74.6257, 0.2994, 0.2973

Triad

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



74.6257, 0.2838, 0.2971



74.6257, 0.3493, 0.3359



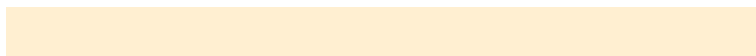
74.6257, 0.3056, 0.3545

Complementary

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



74.6257, 0.2838, 0.2971



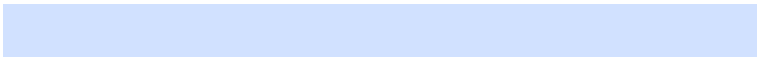
87.6458, 0.3426, 0.3590

Split Complementary

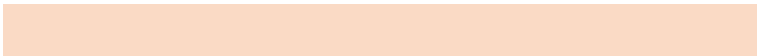
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6257, 0.3252, 0.3630



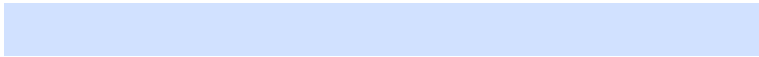
74.6257, 0.2838, 0.2971



74.6257, 0.3509, 0.3514

Square

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



74.6257, 0.2838, 0.2971



74.6257, 0.3375, 0.3193



74.6257, 0.3419, 0.3616



74.6257, 0.2882, 0.3385

Rectangle

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



74.6257, 0.2838, 0.2971



74.6257, 0.3124, 0.3019



74.6257, 0.3419, 0.3616



74.6257, 0.3121, 0.3583

Sweetspot

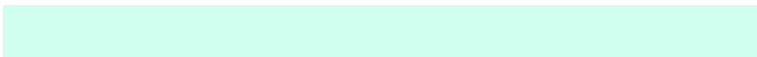
The Sweet Spot groups the original color and five complimentary colors.



74.6275, 0.2838, 0.2971



92.4609, 0.3050, 0.3208



91.3122, 0.2940, 0.3458



19.5703, 0.3039, 0.3196



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.



74.6275, 0.2838, 0.2971



69.6700, 0.2770, 0.2892



67.4447, 0.2875, 0.2803



18.4072, 0.2979, 0.3130



7.7027, 0.1642, 0.1110



0.9448, 0.1704, 0.1334

Inverse Universe

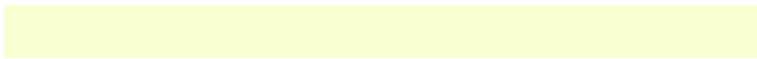
The Inverse Universe completely reimagines the original color for something new.



72.3281, 0.3360, 0.3130



67.1408, 0.3424, 0.3093



96.1032, 0.3354, 0.3747



18.0910, 0.3239, 0.3208



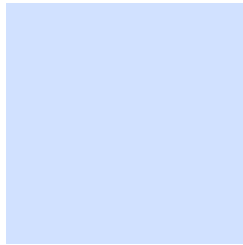
11.5056, 0.5596, 0.2857



1.1399, 0.5280, 0.2683

Previews

White Background



This preview shows how the Yxy color 74.6257, 0.2838, 0.2971 looks on a white background.

Color Contrast Check

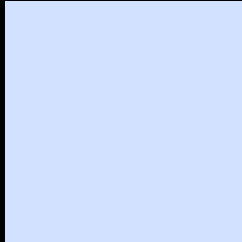
Large Text (above 18pt) WCAG AA × Fail

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 74.6257, 0.2838, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

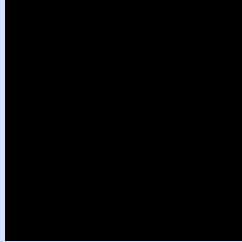
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

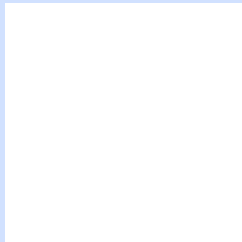
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6257, 0.2838, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 74.6257, 0.2838, 0.2971.



This preview shows how white text looks on a background with the Yxy color 74.6257, 0.2838, 0.2971.

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

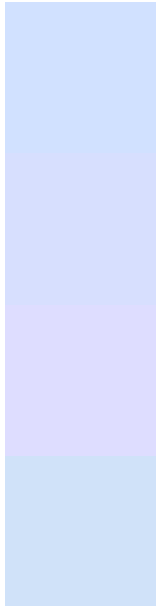




Tritanopia

74.7961, 0.2884, 0.3095

Trichromacy



Original Color

74.6257, 0.2838, 0.2971

Protanomaly

74.3782, 0.2881, 0.2963

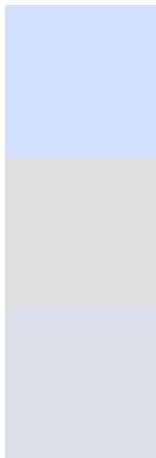
Deuteranomaly

74.4625, 0.2920, 0.2937

Tritanomaly

74.6422, 0.2866, 0.3043

Monochromacy



Original Color

74.6257, 0.2838, 0.2971

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3695, 0.3023, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6257, 0.2838, 0.2971 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(209, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 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(209, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.6257, 0.2838, 0.2971 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(209, 225, 255) }
```

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

```
.border{ border-color:rgb(209, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6257, 0.2838, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 255) }
```

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

```
.background{ background-color: rgb(209,  
225, 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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