

Converting Colors

$Yxy(75.3144, 0.2845, 0.2983)$

Have a look what the booklet for
Yxy(75.3144, 0.2845, 0.2983)
contains.

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Color

Yxy(75.3144, 0.2845, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	D2E2FF
RGB	210, 226, 255
RGB Percent	82%, 89%, 100%
CMY	0.1763, 0.1137, 0.0001
CMYK	0.18, 0.11, 0.00, 0.00
HSL	219°, 100%, 91%
HSV	219°, 18%, 100%
XYZ	71.8302, 75.3144, 105.3341
YIQ	224.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

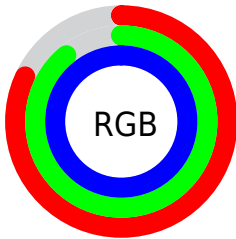
Format	Color
R _Y B	210, 222, 255
Decimal	13820671
CIE Lab	89.54, 0.52, -15.84
CIE LCh	90, 15.846, 271.883
Yxy	75.3144, 0.2845, 0.2983
Android (android.graphics.Color)	4292010751 (0xFFD2E2FF)
YUV	224.5220, 15.0257, -12.7358
Hunter-Lab	86.7839, -4.1290, -11.2147

Details

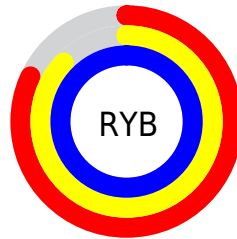
The Yxy color **75.3144, 0.2845, 0.2983** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.6559, 0.3419, 0.3579**, and the grayscale version is **74.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1716, 0.2781, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **63.3487, 0.2672, 0.2780**, and if you desaturate by 10%, it is **88.7404, 0.3009, 0.3165**.

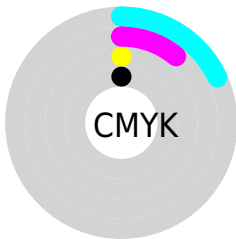
Distribution



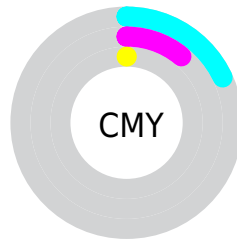
- Red (82%)
- Green (89%)
- Blue (100%)



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



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3144, 0.2845, 0.2983 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 75.3144, 0.2845, 0.2983 by changing the saturation by 10% instead.

■ 75.3144, 0.2845,
0.2983

■ 75.3144, 0.2845,
0.2983

478.9975, 0.2974,
0.3123

■ 55.8705, 0.2816,
0.2951

126.7573, 0.2889,
0.3031

■ 40.0991, 0.2780,
0.2913

159.5251, 0.2907,
0.3050

■ 27.6158, 0.2735,
0.2864

197.5030, 0.2922,
0.3066

■ 18.0363, 0.2677,
0.2801

241.0753, 0.2935,
0.3081

■ 10.9760, 0.2600,
0.2717

290.6266, 0.2946,
0.3093

■ 6.0507, 0.2490,
0.2599

346.5411, 0.2957,

■ 2.8759, 0.2325,

0.3104

0.2421

409.2033, 0.2966,
0.3114

■ 1.0673, 0.2051,
0.2127

■ 0.0000, 0.0000,
0.0000

■ 75.3144, 0.2845,
0.2983

■ 75.3144, 0.2845,
0.2983

■ 63.3487, 0.2672,
0.2780

■ 88.7404, 0.3009,
0.3165

■ 52.7817, 0.2494,
0.2559

99.9982, 0.3127,
0.3290

■ 43.5610, 0.2315,
0.2320

■ 35.6270, 0.2142,
0.2071

■ 28.9150, 0.1983,
0.1819

■ 23.3535, 0.1845,
0.1574

■ 18.8617, 0.1734,
0.1346

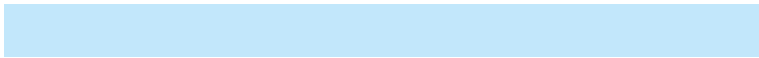
■ 15.3409, 0.1655,
0.1146

■ 14.6192, 0.1640,
0.1102

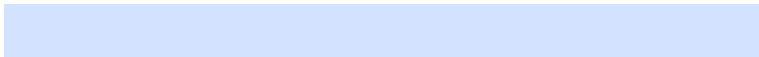
Harmonies

Analogous

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



75.3144, 0.2771, 0.3064



75.3144, 0.2845, 0.2983



75.3144, 0.2994, 0.2983

Triad

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



75.3144, 0.2845, 0.2983



75.3144, 0.3478, 0.3353



75.3144, 0.3063, 0.3539

Complementary

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



75.3144, 0.2845, 0.2983



87.6559, 0.3419, 0.3579

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.



75.3144, 0.3253, 0.3618



75.3144, 0.2845, 0.2983



75.3144, 0.3496, 0.3503

Square

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



75.3144, 0.2845, 0.2983



75.3144, 0.3362, 0.3192



75.3144, 0.3412, 0.3603



75.3144, 0.2894, 0.3387

Rectangle

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



75.3144, 0.2845, 0.2983



75.3144, 0.3119, 0.3026



75.3144, 0.3412, 0.3603



75.3144, 0.3126, 0.3575

Sweetspot

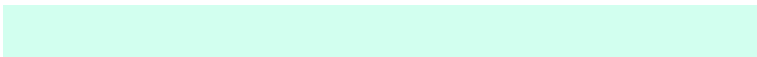
The Sweet Spot groups the original color and five complimentary colors.



75.3175, 0.2845, 0.2983



92.5265, 0.3050, 0.3209



91.4130, 0.2948, 0.3462



19.5862, 0.3039, 0.3198



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.



75.3175, 0.2845, 0.2983



71.1293, 0.2787, 0.2917



67.9388, 0.2876, 0.2814



18.4329, 0.2979, 0.3132



7.8948, 0.1648, 0.1132



0.9657, 0.1710, 0.1357

Inverse Universe

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



72.8616, 0.3351, 0.3130



68.4352, 0.3404, 0.3098



96.2940, 0.3354, 0.3736



18.0936, 0.3238, 0.3206



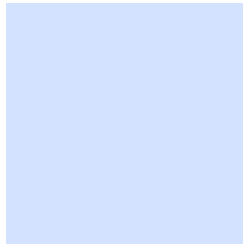
11.5249, 0.5564, 0.2839



1.1420, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 75.3144, 0.2845, 0.2983 looks on a white background.

Color Contrast Check

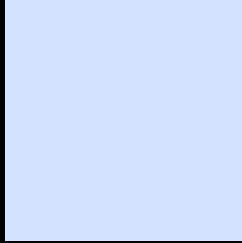
Large Text (above 18pt) WCAG AA × Fail

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 75.3144, 0.2845, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

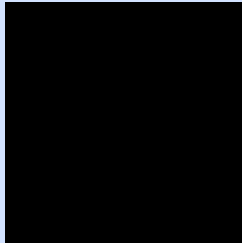
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

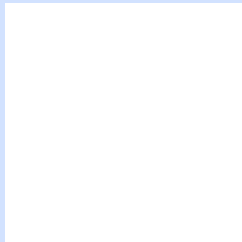
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3144, 0.2845, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 75.3144, 0.2845, 0.2983.



This preview shows how white text looks on a background with the Yxy color 75.3144, 0.2845, 0.2983.

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

75.3144, 0.2845, 0.2983

Protanopia

75.0828, 0.2919, 0.2976

Deuteranopia

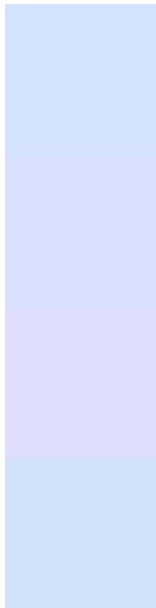
74.8720, 0.2979, 0.2922



Tritanopia

75.5505, 0.2885, 0.3096

Trichromacy



Original Color

75.3144, 0.2845, 0.2983

Protanomaly

75.0660, 0.2887, 0.2975

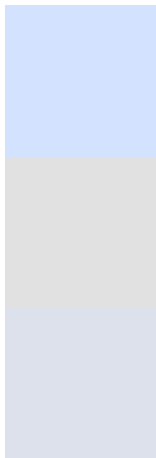
Deuteranomaly

75.1505, 0.2926, 0.2948

Tritanomaly

75.3330, 0.2873, 0.3055

Monochromacy



Original Color

75.3144, 0.2845, 0.2983

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1222, 0.3023, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3144, 0.2845, 0.2983 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 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(210, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.3144, 0.2845, 0.2983 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, 226, 255) }
```

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

```
.border{ border-color:rgb(210, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3144, 0.2845, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 255) }
```

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

```
.background{ background-color: rgb(210,  
226, 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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