

Converting Colors

$Y_{xy}(74.9075, 0.2854, 0.3002)$

Have a look what the booklet for
Yxy(74.9075, 0.2854, 0.3002)
contains.

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Color

Yxy(75.0399, 0.2850, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	D1E2FD
RGB	209, 226, 253
RGB Percent	82%, 89%, 99%
CMY	0.1804, 0.1137, 0.0080
CMYK	0.17, 0.11, 0.00, 0.01
HSL	217°, 92%, 91%
HSV	217°, 17%, 99%
XYZ	71.2167, 75.0399, 103.6265
YIQ	223.9950, -18.7990, 4.7930

Conversions

Conversions Part 2

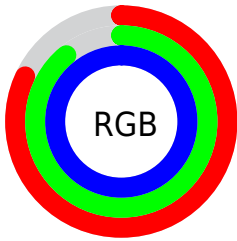
Format	Color
R _Y B	209, 221, 253
Decimal	13755133
CIE Lab	89.41, -0.23, -14.98
CIE LCh	89, 14.986, 269.135
Yxy	75.0399, 0.2850, 0.3003
Android (android.graphics.Color)	4291945213 (0xFFD1E2FD)
YUV	223.9950, 14.2995, -13.1506
Hunter-Lab	86.6256, -4.8462, -10.2882

Details

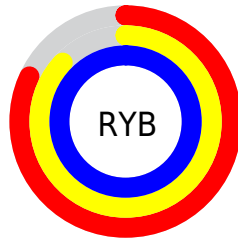
The Yxy color **75.0399, 0.2850, 0.3003** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4488, 0.3417, 0.3561**, and the grayscale version is **74.4450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9814, 0.2788, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **63.5824, 0.2679, 0.2812**, and if you desaturate by 10%, it is **87.8527, 0.3013, 0.3175**.

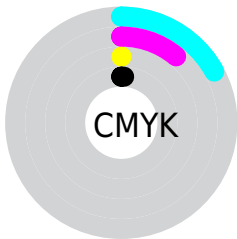
Distribution



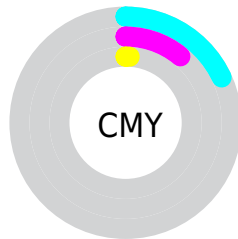
- Red (82%)
- Green (89%)
- Blue (99%)



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



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



- Cyan (18%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0399, 0.2850, 0.3003 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 75.0399, 0.2850, 0.3003 by changing the saturation by 10% instead.

■ 75.0399, 0.2850,
0.3003

■ 75.0399, 0.2850,
0.3003

478.0547, 0.2977,
0.3134

■ 55.6456, 0.2821,
0.2973

126.3688, 0.2894,
0.3048

■ 39.9188, 0.2786,
0.2937

159.0722, 0.2911,
0.3066

■ 27.4753, 0.2742,
0.2891

196.9808, 0.2925,
0.3081

■ 17.9305, 0.2685,
0.2832

240.4789, 0.2938,
0.3095

■ 10.9001, 0.2608,
0.2752

289.9510, 0.2950,
0.3106

■ 5.9997, 0.2500,
0.2640

345.7813, 0.2960,

■ 2.8449, 0.2337,

0.3117

0.2469

408.3545, 0.2969,
0.3126

■ 1.0513, 0.2064,
0.2185

■ 0.0000, 0.0000,
0.0000

■ 75.0399, 0.2850,
0.3003

■ 75.0399, 0.2850,
0.3003

■ 63.5824, 0.2679,
0.2812

■ 87.8527, 0.3013,
0.3175

■ 53.4232, 0.2504,
0.2602

99.8695, 0.3139,
0.3309

■ 44.5147, 0.2329,
0.2376

■ 36.8022, 0.2160,
0.2140

■ 30.2266, 0.2005,
0.1899

■ 24.7226, 0.1869,
0.1662

■ 20.2160, 0.1761,
0.1439

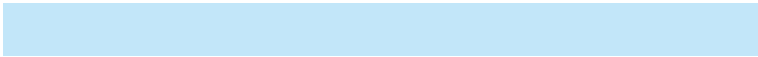
■ 16.6167, 0.1682,
0.1239

■ 15.7942, 0.1664,
0.1191

Harmonies

Analogous

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



75.0399, 0.2787, 0.3087



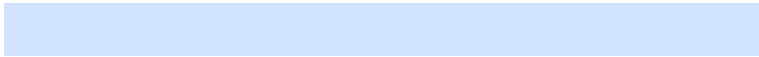
75.0399, 0.2850, 0.3003



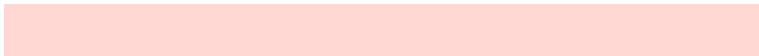
75.0399, 0.2986, 0.2995

Triad

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



75.0399, 0.2850, 0.3003



75.0399, 0.3452, 0.3336



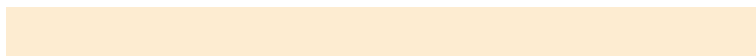
75.0399, 0.3083, 0.3536

Complementary

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



75.0399, 0.2850, 0.3003



85.4488, 0.3417, 0.3561

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.



75.0399, 0.3262, 0.3603



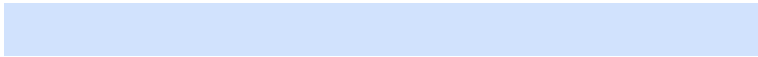
75.0399, 0.2850, 0.3003



75.0399, 0.3479, 0.3481

Square

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



75.0399, 0.2850, 0.3003



75.0399, 0.3336, 0.3184



75.0399, 0.3408, 0.3580



75.0399, 0.2919, 0.3396

Rectangle

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



75.0399, 0.2850, 0.3003



75.0399, 0.3103, 0.3032



75.0399, 0.3408, 0.3580



75.0399, 0.3143, 0.3568

Sweetspot

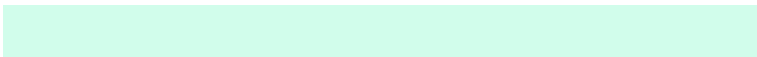
The Sweet Spot groups the original color and five complimentary colors.



75.0430, 0.2850, 0.3003



92.7739, 0.3050, 0.3213



89.8035, 0.2958, 0.3475



19.6462, 0.3039, 0.3202



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.



75.0430, 0.2850, 0.3003



72.0281, 0.2789, 0.2936



66.9009, 0.2870, 0.2820



18.5297, 0.2979, 0.3140



8.6659, 0.1672, 0.1220



1.0480, 0.1735, 0.1444

Inverse Universe

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



71.9719, 0.3338, 0.3119



68.5260, 0.3391, 0.3081



94.8909, 0.3360, 0.3728



18.1034, 0.3233, 0.3198



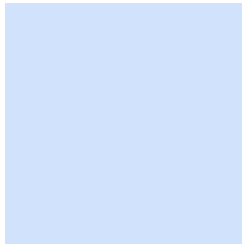
11.6028, 0.5438, 0.2769



1.1503, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 75.0399, 0.2850, 0.3003 looks on a white background.

Color Contrast Check

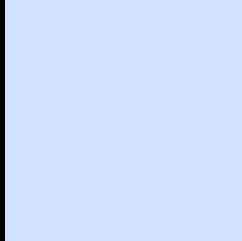
Large Text (above 18pt) WCAG AA × Fail

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 75.0399, 0.2850, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

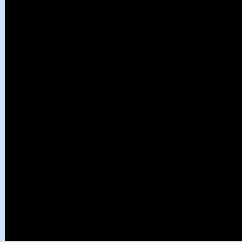
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

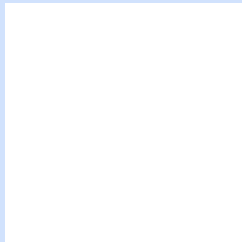
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0399, 0.2850, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 75.0399, 0.2850, 0.3003.



This preview shows how white text looks on a background with the Yxy color 75.0399, 0.2850, 0.3003.

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

75.0399, 0.2850, 0.3003

Protanopia

75.1125, 0.2938, 0.2997

Deuteranopia

74.9746, 0.2992, 0.2932



Tritanopia

74.9406, 0.2890, 0.3096

Trichromacy



Original Color

75.0399, 0.2850, 0.3003

Protanomaly

75.0913, 0.2906, 0.2995

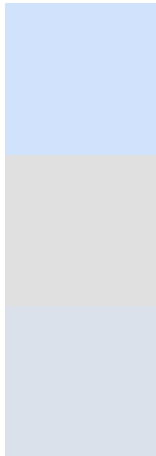
Deuteranomaly

75.2456, 0.2939, 0.2958

Tritanomaly

75.1254, 0.2873, 0.3065

Monochromacy



Original Color

75.0399, 0.2850, 0.3003

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9087, 0.3022, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0399, 0.2850, 0.3003 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, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 253)  
}
```

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, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 253) }
```

Border

The CSS property to change the border of an element to Yxy 75.0399, 0.2850, 0.3003 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, 226, 253) }
```

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

```
.border{ border-color:rgb(209, 226, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 253);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0399, 0.2850, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 253) }
```

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

```
.background{ background-color: rgb(209,  
226, 253) }
```

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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