

Converting Colors

$Y_{xy}(74.7529, 0.2961, 0.2926)$

Have a look what the booklet for
Yxy(74.7529, 0.2961, 0.2926)
contains.

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Color

Yxy(74.9004, 0.2959, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	E4DCFF
RGB	228, 220, 255
RGB Percent	89%, 86%, 100%
CMY	0.1058, 0.1373, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	254°, 100%, 93%
HSV	254°, 14%, 100%
XYZ	75.6417, 74.9004, 105.0906
YIQ	226.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

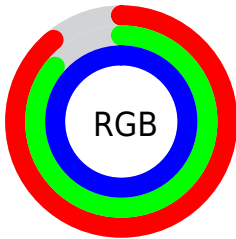
Format	Color
R _Y B	228, 220, 255
Decimal	14998783
CIE Lab	89.35, 9.27, -16.02
CIE LCh	89, 18.509, 300.066
Yxy	74.9004, 0.2959, 0.2930
Android (android.graphics.Color)	4293188863 (0xFFE4DCFF)
YUV	226.3820, 14.1087, 1.4190
Hunter-Lab	86.5450, 4.5581, -11.4137

Details

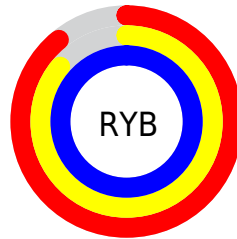
The Yxy color **74.9004, 0.2959, 0.2930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.4600, 0.3281, 0.3637**, and the grayscale version is **76.2454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7581, 0.2917, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **59.4869, 0.2815, 0.2635**, and if you desaturate by 10%, it is **92.7255, 0.3085, 0.3198**.

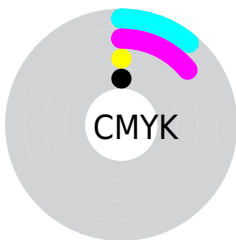
Distribution



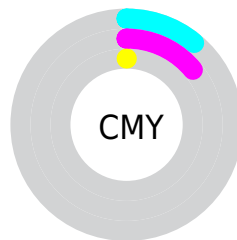
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9004, 0.2959, 0.2930 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 74.9004, 0.2959, 0.2930 by changing the saturation by 10% instead.

74.9004, 0.2959,
0.2930

74.9004, 0.2959,
0.2930

477.5752, 0.3037,
0.3092

55.5313, 0.2941,
0.2894

126.1714, 0.2986,
0.2985

39.8273, 0.2919,
0.2850

158.8420, 0.2997,
0.3007

27.4039, 0.2891,
0.2795

196.7153, 0.3006,
0.3026

17.8768, 0.2854,
0.2725

240.1756, 0.3014,
0.3043

10.8616, 0.2804,
0.2632

289.6074, 0.3021,
0.3057

5.9738, 0.2733,
0.2502

345.3950, 0.3027,

2.8292, 0.2622,

0.3070

0.2311

407.9228, 0.3032,
0.3082

■ 1.0432, 0.2431,
0.2003

■ 0.0000, 0.1312,
0.0000

■ 74.9004, 0.2959,
0.2930

■ 74.9004, 0.2959,
0.2930

■ 59.4869, 0.2815,
0.2635

■ 92.7255, 0.3085,
0.3198

■ 46.3742, 0.2654,
0.2316

100.0000, 0.3127,
0.3290

■ 35.4523, 0.2477,
0.1982

■ 26.5996, 0.2292,
0.1648

■ 19.6823, 0.2107,
0.1334

■ 14.5506, 0.1933,
0.1062

■ 11.0322, 0.1782,
0.0851

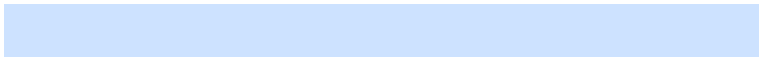
■ 8.9185, 0.1665,
0.0714

■ 8.1300, 0.1610,
0.0661

Harmonies

Analogous

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



74.9004, 0.2790, 0.2935



74.9004, 0.2959, 0.2930



74.9004, 0.3179, 0.3014

Triad

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



74.9004, 0.2959, 0.2930



74.9004, 0.3562, 0.3528



74.9004, 0.2865, 0.3415

Complementary

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



74.9004, 0.2959, 0.2930



96.4600, 0.3281, 0.3637

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.



74.9004, 0.3065, 0.3592



74.9004, 0.2959, 0.2930



74.9004, 0.3470, 0.3651

Square

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



74.9004, 0.2959, 0.2930



74.9004, 0.3533, 0.3350



74.9004, 0.3286, 0.3678



74.9004, 0.2737, 0.3208

Rectangle

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



74.9004, 0.2959, 0.2930



74.9004, 0.3325, 0.3109



74.9004, 0.3286, 0.3678



74.9004, 0.2926, 0.3481

Sweetspot

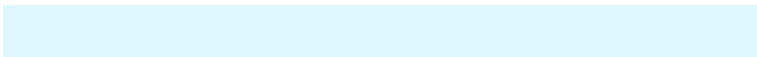
The Sweet Spot groups the original color and five complimentary colors.



74.9025, 0.2959, 0.2930



92.2024, 0.3082, 0.3191



89.2126, 0.2915, 0.3212



19.4308, 0.3073, 0.3172



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.



74.9025, 0.2959, 0.2930



71.1877, 0.2928, 0.2865



77.8345, 0.3075, 0.2943



17.5782, 0.3014, 0.3047



4.3028, 0.1622, 0.0667



0.4655, 0.1727, 0.0725

Inverse Universe

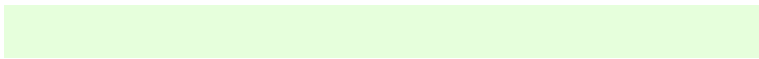
The Inverse Universe completely reimagines the original color for something new.



79.1619, 0.3196, 0.3026



76.0877, 0.3209, 0.2980



93.4967, 0.3172, 0.3649



18.2251, 0.3173, 0.3109



13.2308, 0.3890, 0.1917



1.3048, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 74.9004, 0.2959, 0.2930 looks on a white background.

Color Contrast Check

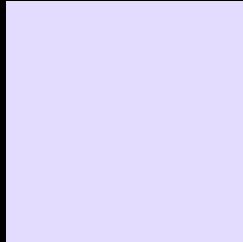
Large Text (above 18pt) WCAG AA × Fail

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 74.9004, 0.2959, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

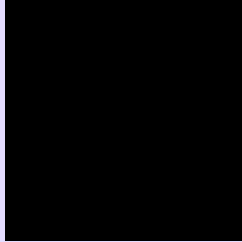
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9004, 0.2959, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 74.9004, 0.2959, 0.2930.

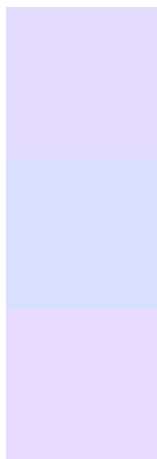


This preview shows how white text looks on a background with the Yxy color 74.9004, 0.2959, 0.2930.

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

74.9004, 0.2959, 0.2930

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

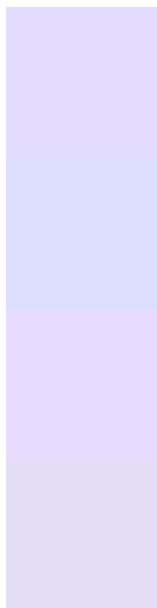
75.0388, 0.2986, 0.2923



Tritanopia

75.2354, 0.3039, 0.3111

Trichromacy



Original Color

74.9004, 0.2959, 0.2930

Protanomaly

74.9921, 0.2920, 0.2947

Deuteranomaly

74.8720, 0.2979, 0.2922

Tritanomaly

75.1660, 0.3014, 0.3050

Monochromacy



Original Color

74.9004, 0.2959, 0.2930

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7566, 0.3064, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9004, 0.2959, 0.2930 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(228, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 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(228, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.9004, 0.2959, 0.2930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

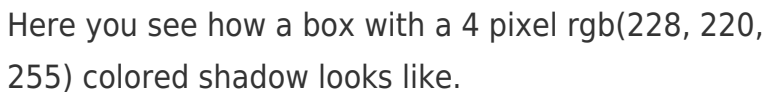
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 220, 255) }
```

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

```
.border{ border-color:rgb(228, 220, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 220, 255); box-shadow:4px 4px 4px 4px rgb(228, 220, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9004, 0.2959, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 255) }
```

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

```
.background{ background-color: rgb(228,  
220, 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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