

Converting Colors

$Y_{xy}(75.4152, 0.2935, 0.2950)$

Have a look what the booklet for
Yxy(75.4152, 0.2935, 0.2950)
contains.

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Color

Yxy(75.3098, 0.2933, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEFF
RGB	224, 222, 255
RGB Percent	88%, 87%, 100%
CMY	0.1217, 0.1293, 0.0001
CMYK	0.12, 0.13, 0.00, 0.00
HSL	244°, 100%, 94%
HSV	244°, 13%, 100%
XYZ	74.9012, 75.3098, 105.1630
YIQ	226.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

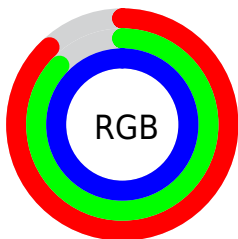
Format	Color
R_{YB}	224, 222, 255
Decimal	14737151
CIE Lab	89.54, 6.93, -15.73
CIE LCh	90, 17.193, 293.771
Yxy	75.3098, 0.2933, 0.2949
Android (android.graphics.Color)	4292927231 (0xFFE0DEFF)
YUV	226.3600, 14.1195, -2.0697
Hunter-Lab	86.7812, 2.1969, -11.1018

Details

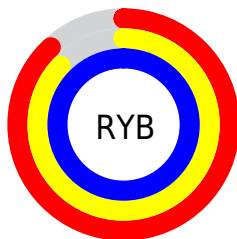
The Yxy color **75.3098, 0.2933, 0.2949** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97.6533, 0.3308, 0.3612**, and the grayscale version is **76.2270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1497, 0.2893, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **59.2122, 0.2759, 0.2647**, and if you desaturate by 10%, it is **94.0019, 0.3086, 0.3218**.

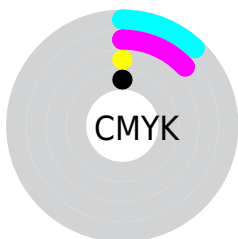
Distribution



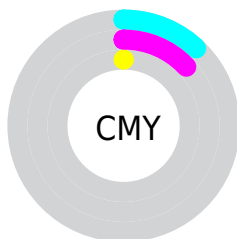
- Red (88%)
- Green (87%)
- Blue (100%)



- Red (88%)
- Yellow (87%)
- Blue (100%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3098, 0.2933, 0.2949 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 75.3098, 0.2933, 0.2949 by changing the saturation by 10% instead.

■ 75.3098, 0.2933,
0.2949

■ 75.3098, 0.2933,
0.2949

478.9817, 0.3023,
0.3103

■ 55.8667, 0.2913,
0.2915

126.7508, 0.2964,
0.3002

■ 40.0961, 0.2887,
0.2873

159.5175, 0.2976,
0.3022

■ 27.6135, 0.2856,
0.2820

197.4942, 0.2987,
0.3040

■ 18.0345, 0.2814,
0.2753

241.0654, 0.2996,
0.3056

■ 10.9747, 0.2758,
0.2664

290.6153, 0.3004,
0.3070

■ 6.0499, 0.2678,
0.2539

346.5284, 0.3011,

■ 2.8754, 0.2556,

0.3082

0.2355

409.1891, 0.3017,
0.3093

■ 1.0670, 0.2347,
0.2056

■ 0.0000, 0.1033,
0.0000

■ 75.3098, 0.2933,
0.2949

■ 75.3098, 0.2933,
0.2949

■ 59.2122, 0.2759,
0.2647

■ 94.0019, 0.3086,
0.3218

■ 45.5854, 0.2567,
0.2316

99.9976, 0.3127,
0.3290

■ 34.3099, 0.2361,
0.1966

■ 25.2526, 0.2150,
0.1613

■ 18.2669, 0.1949,
0.1280

■ 13.1890, 0.1772,
0.0995

■ 9.8297, 0.1635,
0.0781

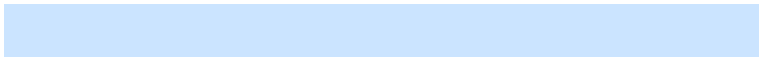
■ 7.9613, 0.1547,
0.0653

■ 7.3206, 0.1513,
0.0607

Harmonies

Analogous

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



75.3098, 0.2791, 0.2972



75.3098, 0.2933, 0.2949



75.3098, 0.3131, 0.3011

Triad

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



75.3098, 0.2933, 0.2949



75.3098, 0.3534, 0.3480



75.3098, 0.2919, 0.3445

Complementary

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



75.3098, 0.2933, 0.2949



97.6533, 0.3308, 0.3612

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.



75.3098, 0.3113, 0.3594



75.3098, 0.2933, 0.2949



75.3098, 0.3471, 0.3607

Square

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



75.3098, 0.2933, 0.2949



75.3098, 0.3483, 0.3309



75.3098, 0.3315, 0.3653



75.3098, 0.2783, 0.3254

Rectangle

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



75.3098, 0.2933, 0.2949



75.3098, 0.3270, 0.3091



75.3098, 0.3315, 0.3653



75.3098, 0.2979, 0.3502

Sweetspot

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



75.3129, 0.2933, 0.2949



91.8897, 0.3071, 0.3190



93.1993, 0.2929, 0.3273



19.3520, 0.3060, 0.3171



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.



75.3129, 0.2933, 0.2949



70.1094, 0.2882, 0.2860



78.0183, 0.3041, 0.2960



17.4294, 0.2988, 0.3045



3.8464, 0.1518, 0.0610



0.3918, 0.1559, 0.0632

Inverse Universe

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



80.5962, 0.3155, 0.2989



76.5189, 0.3162, 0.2915



94.7480, 0.3204, 0.3623



18.2806, 0.3147, 0.3070



14.3985, 0.3365, 0.1627



1.4074, 0.3345, 0.1616

Previews

White Background



This preview shows how the Yxy color 75.3098, 0.2933, 0.2949 looks on a white background.

Color Contrast Check

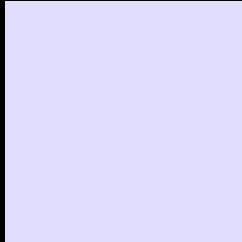
Large Text (above 18pt) WCAG AA × Fail

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 75.3098, 0.2933, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

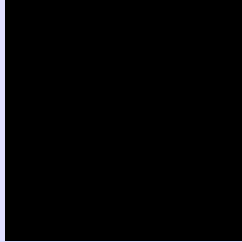
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3098, 0.2933, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 75.3098, 0.2933, 0.2949.



This preview shows how white text looks on a background with the Yxy color 75.3098, 0.2933, 0.2949.

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

75.3098, 0.2933, 0.2949

Protanopia

75.2110, 0.2907, 0.2957

Deuteranopia

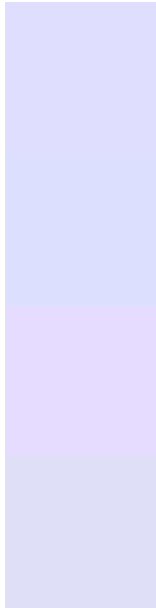
75.0388, 0.2986, 0.2923



Tritanopia

75.2517, 0.2999, 0.3100

Trichromacy



Original Color

75.3098, 0.2933, 0.2949

Protanomaly

75.3675, 0.2914, 0.2957

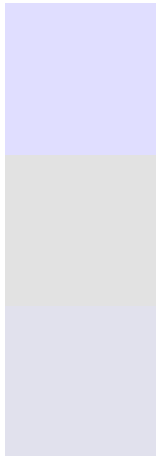
Deuteranomaly

75.0644, 0.2966, 0.2931

Tritanomaly

75.1787, 0.2975, 0.3039

Monochromacy



Original Color

75.3098, 0.2933, 0.2949

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9724, 0.3051, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3098, 0.2933, 0.2949 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(224, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.3098, 0.2933, 0.2949 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(224, 222, 255) }
```

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

```
.border{ border-color:rgb(224, 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(224, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3098, 0.2933, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 255) }
```

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

```
.background{ background-color: rgb(224,  
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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