

Converting Colors

Yxy(80.0512, 0.2551, 0.2331)

Have a look what the booklet for
Yxy(80.0512, 0.2551, 0.2331)
contains.

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Color

Yxy(74.4625, 0.2920, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDFF
RGB	222, 221, 255
RGB Percent	87%, 87%, 100%
CMY	0.1293, 0.1333, 0.0002
CMYK	0.13, 0.13, 0.00, 0.00
HSL	242°, 100%, 93%
HSV	242°, 13%, 100%
XYZ	74.0315, 74.4625, 105.0385
YIQ	225.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

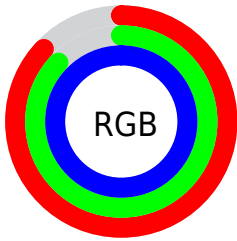
Format	Color
R _Y B	222, 221, 255
Decimal	14605823
CIE Lab	89.14, 6.85, -16.34
CIE LCh	89, 17.718, 292.738
Yxy	74.4625, 0.2920, 0.2937
Android (android.graphics.Color)	4292795903 (0xFFDEDDFF)
YUV	225.1750, 14.7037, -2.7845
Hunter-Lab	86.2917, 2.1286, -11.7666

Details

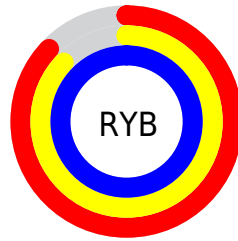
The Yxy color $74.4625, 0.2920, 0.2937$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97.7674, 0.3321, 0.3622$, and the grayscale version is $75.3288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5651, 0.2875, 0.2861$ is the 20% darker color. If you saturate the color by 10%, you get $58.3870, 0.2740, 0.2632$, and if you desaturate by 10%, it is $93.1608, 0.3079, 0.3208$.

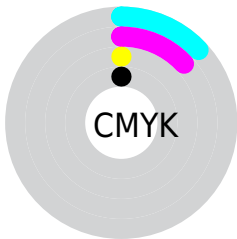
Distribution



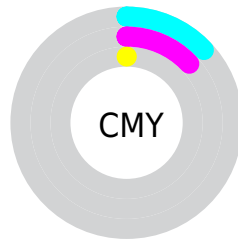
- Red (87%)
- Green (87%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4625, 0.2920, 0.2937 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 74.4625, 0.2920, 0.2937 by changing the saturation by 10% instead.

74.4625, 0.2920,
0.2937

74.4625, 0.2920,
0.2937

476.0681, 0.3016,
0.3097

55.1727, 0.2898,
0.2901

125.5512, 0.2953,
0.2992

39.5400, 0.2871,
0.2858

158.1189, 0.2966,
0.3013

27.1801, 0.2837,
0.2803

195.8813, 0.2977,
0.3032

17.7085, 0.2793,
0.2733

239.2228, 0.2987,
0.3048

10.7409, 0.2733,
0.2640

288.5279, 0.2996,
0.3062

5.8929, 0.2647,
0.2511

344.1808, 0.3003,

2.7801, 0.2516,

0.3075

0.2318

406.5661, 0.3010,
0.3087

■ 1.0180, 0.2291,
0.2006

■ 0.0000, 0.0687,
0.0000

■ 74.4625, 0.2920,
0.2937

■ 74.4625, 0.2920,
0.2937

■ 58.3870, 0.2740,
0.2632

■ 93.1608, 0.3079,
0.3208

■ 44.8082, 0.2542,
0.2298

99.9970, 0.3127,
0.3290

■ 33.6038, 0.2331,
0.1944

■ 24.6374, 0.2117,
0.1589

■ 17.7587, 0.1915,
0.1256

■ 12.7991, 0.1742,
0.0973

■ 9.5637, 0.1612,
0.0765

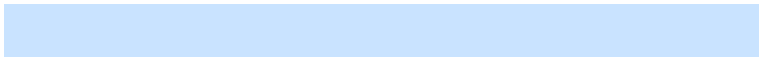
■ 7.8166, 0.1533,
0.0643

■ 7.2670, 0.1506,
0.0603

Harmonies

Analogous

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



74.4625, 0.2776, 0.2964



74.4625, 0.2920, 0.2937



74.4625, 0.3124, 0.2998

Triad

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



74.4625, 0.2920, 0.2937



74.4625, 0.3548, 0.3480



74.4625, 0.2918, 0.3457

Complementary

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



74.4625, 0.2920, 0.2937



97.7674, 0.3321, 0.3622

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.



74.4625, 0.3119, 0.3609



74.4625, 0.2920, 0.2937



74.4625, 0.3487, 0.3615

Square

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



74.4625, 0.2920, 0.2937



74.4625, 0.3492, 0.3304



74.4625, 0.3328, 0.3665



74.4625, 0.2775, 0.3259

Rectangle

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



74.4625, 0.2920, 0.2937



74.4625, 0.3267, 0.3079



74.4625, 0.3328, 0.3665



74.4625, 0.2981, 0.3515

Sweetspot

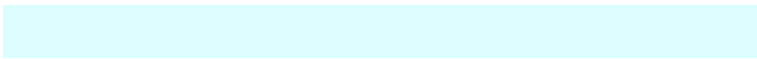
The Sweet Spot groups the original color and five complimentary colors.



74.4656, 0.2920, 0.2937



91.8361, 0.3069, 0.3190



93.7196, 0.2923, 0.3284



19.3385, 0.3057, 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.



74.4656, 0.2920, 0.2937



69.9281, 0.2874, 0.2859



77.2022, 0.3030, 0.2949



17.4041, 0.2983, 0.3044



3.8101, 0.1509, 0.0605



0.3798, 0.1530, 0.0617

Inverse Universe

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



80.1159, 0.3149, 0.2970



76.5949, 0.3154, 0.2904



94.7867, 0.3214, 0.3633



18.2903, 0.3143, 0.3063



14.6303, 0.3287, 0.1584



1.4274, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 74.4625, 0.2920, 0.2937 looks on a white background.

Color Contrast Check

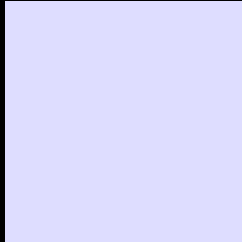
Large Text (above 18pt) WCAG AA × Fail

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 74.4625, 0.2920, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

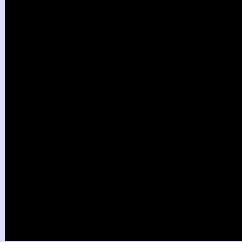
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4625, 0.2920, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 74.4625, 0.2920, 0.2937.



This preview shows how white text looks on a background with the Yxy color 74.4625, 0.2920, 0.2937.

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

74.4625, 0.2920, 0.2937

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.1858, 0.2972, 0.2911



Tritanopia

74.3419, 0.2992, 0.3099

Trichromacy



Original Color

74.4625, 0.2920, 0.2937

Protanomaly

74.5226, 0.2900, 0.2945

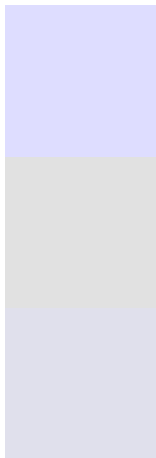
Deuteranomaly

74.2139, 0.2952, 0.2919

Tritanomaly

74.2685, 0.2968, 0.3037

Monochromacy



Original Color

74.4625, 0.2920, 0.2937

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2147, 0.3050, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4625, 0.2920, 0.2937 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(222, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 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(222, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.4625, 0.2920, 0.2937 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(222, 221, 255) }
```

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

```
.border{ border-color:rgb(222, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4625, 0.2920, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 255) }
```

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

```
.background{ background-color: rgb(222,  
221, 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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