

Converting Colors

$Yxy(72.9126, 0.2925, 0.2963)$

Have a look what the booklet for
Yxy(72.9126, 0.2925, 0.2963)
contains.

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Color

Yxy(73.2115, 0.2924, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	DBDCFB
RGB	219, 220, 251
RGB Percent	86%, 86%, 98%
CMY	0.1410, 0.1373, 0.0158
CMYK	0.13, 0.12, 0.00, 0.02
HSL	238°, 80%, 92%
HSV	238°, 13%, 98%
XYZ	72.2235, 73.2115, 101.5674
YIQ	223.2350, -10.5470, 9.4290

Conversions

Conversions Part 2

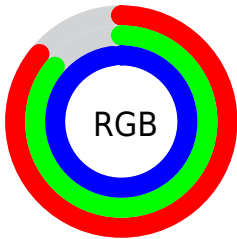
Format	Color
R _Y B	219, 220, 251
Decimal	14408955
CIE Lab	88.55, 5.62, -15.16
CIE LCh	89, 16.170, 290.355
Yxy	73.2115, 0.2924, 0.2964
Android (android.graphics.Color)	4292599035 (0xFFDBDCFB)
YUV	223.2350, 13.6881, -3.7141
Hunter-Lab	85.5637, 0.9336, -10.4849

Details

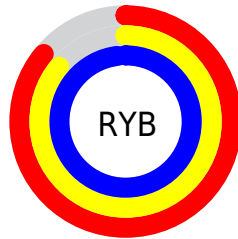
The Yxy color **73.2115, 0.2924, 0.2964** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.9994, 0.3319, 0.3596**, and the grayscale version is **73.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6978, 0.2880, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **57.7493, 0.2741, 0.2670**, and if you desaturate by 10%, it is **91.1271, 0.3086, 0.3225**.

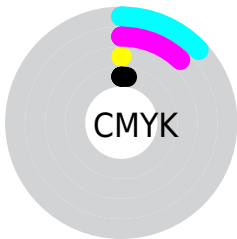
Distribution



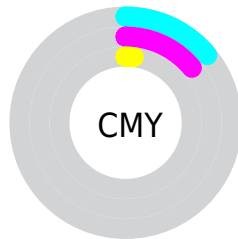
- Red (86%)
- Green (86%)
- Blue (98%)



- Red (86%)
- Yellow (86%)
- Blue (98%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2115, 0.2924, 0.2964 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 73.2115, 0.2924, 0.2964 by changing the saturation by 10% instead.

73.2115, 0.2924,
0.2964

73.2115, 0.2924,
0.2964

471.7475, 0.3018,
0.3112

54.1489, 0.2903,
0.2931

123.7774, 0.2957,
0.3015

38.7207, 0.2876,
0.2890

156.0495, 0.2969,
0.3035

26.5425, 0.2842,
0.2839

193.4936, 0.2980,
0.3052

17.2300, 0.2799,
0.2773

236.4941, 0.2990,
0.3067

10.3986, 0.2739,
0.2684

285.4353, 0.2998,
0.3081

5.6640, 0.2654,
0.2560

340.7017, 0.3006,

2.6419, 0.2522,

0.3092

0.2374

402.6776, 0.3012,
0.3103

■ 0.9478, 0.2295,
0.2067

■ 0.0000, 0.0000,
0.0000

■ 73.2115, 0.2924,
0.2964

■ 73.2115, 0.2924,
0.2964

■ 57.7493, 0.2741,
0.2670

■ 91.1271, 0.3086,
0.3225

■ 44.6250, 0.2541,
0.2345

■ 99.7433, 0.3150,
0.3328

■ 33.7278, 0.2329,
0.1999

■ 24.9340, 0.2115,
0.1648

■ 18.1080, 0.1913,
0.1314

■ 13.0984, 0.1740,
0.1024

■ 9.7317, 0.1610,
0.0802

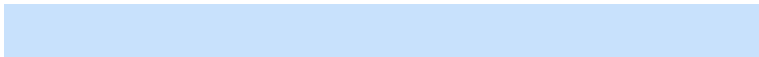
■ 7.8007, 0.1532,
0.0663

■ 7.1271, 0.1504,
0.0613

Harmonies

Analogous

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



73.2115, 0.2797, 0.2996



73.2115, 0.2924, 0.2964



73.2115, 0.3109, 0.3014

Triad

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



73.2115, 0.2924, 0.2964



73.2115, 0.3513, 0.3453



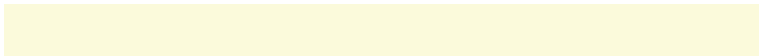
73.2115, 0.2948, 0.3456

Complementary

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



73.2115, 0.2924, 0.2964



93.9994, 0.3319, 0.3596

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.



73.2115, 0.3136, 0.3589



73.2115, 0.2924, 0.2964



73.2115, 0.3465, 0.3581

Square

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



73.2115, 0.2924, 0.2964



73.2115, 0.3453, 0.3290



73.2115, 0.3326, 0.3634



73.2115, 0.2811, 0.3277

Rectangle

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



73.2115, 0.2924, 0.2964



73.2115, 0.3241, 0.3086



73.2115, 0.3326, 0.3634



73.2115, 0.3008, 0.3508

Sweetspot

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



73.2146, 0.2924, 0.2964



91.9659, 0.3067, 0.3193



90.9393, 0.2938, 0.3300



19.3712, 0.3055, 0.3175



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.



73.2146, 0.2924, 0.2964



72.0243, 0.2884, 0.2900



75.1285, 0.3024, 0.2964



16.7266, 0.2979, 0.3052



3.7843, 0.1505, 0.0618



0.3790, 0.1518, 0.0663

Inverse Universe

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



76.3541, 0.3353, 0.3281



75.8136, 0.3401, 0.3279



91.9383, 0.3220, 0.3615



17.2337, 0.3289, 0.3283



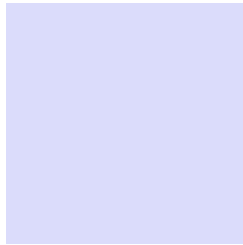
10.7929, 0.6370, 0.3283



1.0025, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 73.2115, 0.2924, 0.2964 looks on a white background.

Color Contrast Check

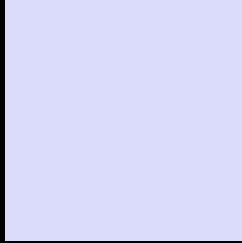
Large Text (above 18pt) WCAG AA × Fail

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 73.2115, 0.2924, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

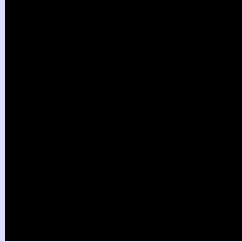
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2115, 0.2924, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 73.2115, 0.2924, 0.2964.

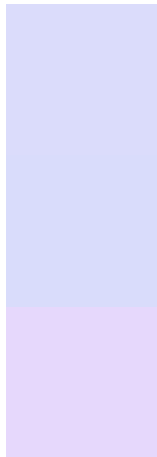


This preview shows how white text looks on a background with the Yxy color 73.2115, 0.2924, 0.2964.

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

73.2115, 0.2924, 0.2964

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

72.9630, 0.2991, 0.2919



Tritanopia

73.2263, 0.2984, 0.3108

Trichromacy



Original Color

73.2115, 0.2924, 0.2964

Protanomaly

73.0569, 0.2917, 0.2963

Deuteranomaly

72.8227, 0.2964, 0.2927

Tritanomaly

73.0894, 0.2966, 0.3056

Monochromacy



Original Color

73.2115, 0.2924, 0.2964

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6553, 0.3056, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2115, 0.2924, 0.2964 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(219, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 251)  
}
```

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(219, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 251) }
```

Border

The CSS property to change the border of an element to Yxy 73.2115, 0.2924, 0.2964 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(219, 220, 251) }
```

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

```
.border{ border-color:rgb(219, 220, 251) }
```

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

Here you see how a box with a 4 pixel rgb(219, 220, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2115, 0.2924, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 251) }
```

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

```
.background{ background-color: rgb(219,  
220, 251) }
```

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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