

Converting Colors

$Y_{xy}(70.5330, 0.2994, 0.2963)$

Have a look what the booklet for
Yxy(70.5330, 0.2994, 0.2963)
contains.

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Color

Yxy(70.5330, 0.2994, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6F5
RGB	224, 214, 245
RGB Percent	88%, 84%, 96%
CMY	0.1215, 0.1608, 0.0392
CMYK	0.09, 0.13, 0.00, 0.04
HSL	259°, 61%, 90%
HSV	259°, 13%, 96%
XYZ	71.2709, 70.5330, 96.2420
YIQ	220.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

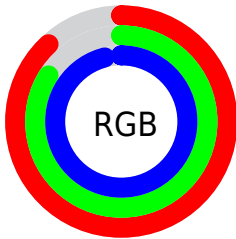
Format	Color
R_{YB}	224, 214, 245
Decimal	14735093
CIE _{Lab}	87.26, 9.17, -13.91
CIE _{LCh}	87, 16.662, 303.407
Yxy	70.5330, 0.2994, 0.2963
Android (android.graphics.Color)	4292925173 (0xFFE0D6F5)
YUV	220.5240, 12.0667, 3.0485
Hunter-Lab	83.9839, 4.5079, -9.1550

Details

The Yxy color **70.5330, 0.2994, 0.2963** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.8190, 0.3249, 0.3610**, and the grayscale version is **71.8743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9054, 0.2962, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **56.5311, 0.2870, 0.2676**, and if you desaturate by 10%, it is **86.6645, 0.3101, 0.3225**.

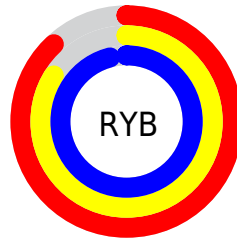
Distribution



Red (88%)

Green (84%)

Blue (96%)



Red (88%)

Yellow (84%)

Blue (96%)

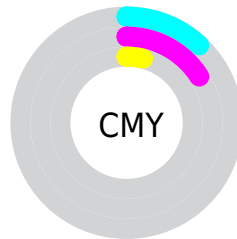


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5330, 0.2994, 0.2963 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 70.5330, 0.2994, 0.2963 by changing the saturation by 10% instead.

70.5330, 0.2994,
0.2963

70.5330, 0.2994,
0.2963

462.4193, 0.3057,
0.3112

51.9612, 0.2979,
0.2929

119.9685, 0.3016,
0.3014

36.9741, 0.2961,
0.2888

151.6010, 0.3025,
0.3034

25.1875, 0.2938,
0.2837

188.3559, 0.3032,
0.3052

16.2168, 0.2907,
0.2770

230.6175, 0.3038,
0.3067

9.6777, 0.2865,
0.2680

278.7702, 0.3044,
0.3080

5.1858, 0.2803,
0.2553

333.1985, 0.3049,

2.3567, 0.2704,

0.3092

0.2362

394.2867, 0.3053,
0.3103

■ 0.8035, 0.2526,
0.2037

■ 0.0000, 0.0000,
0.0000

■ 70.5330, 0.2994,
0.2963

■ 70.5330, 0.2994,
0.2963

■ 56.5311, 0.2870,
0.2676

■ 86.6645, 0.3101,
0.3225

■ 44.5593, 0.2730,
0.2367

■ 99.3725, 0.3185,
0.3386

■ 34.5238, 0.2575,
0.2046

■ 26.3194, 0.2409,
0.1725

■ 19.8309, 0.2239,
0.1420

■ 14.9294, 0.2073,
0.1151

■ 11.4669, 0.1921,
0.0937

■ 9.2659, 0.1793,
0.0789

■ 8.2607, 0.1716,
0.0719

Harmonies

Analogous

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



70.5330, 0.2831, 0.2958



70.5330, 0.2994, 0.2963



70.5330, 0.3198, 0.3048

Triad

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



70.5330, 0.2994, 0.2963



70.5330, 0.3522, 0.3525



70.5330, 0.2869, 0.3384

Complementary

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



70.5330, 0.2994, 0.2963



87.8190, 0.3249, 0.3610

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.



70.5330, 0.3048, 0.3551



70.5330, 0.2994, 0.2963



70.5330, 0.3426, 0.3629

Square

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



70.5330, 0.2994, 0.2963



70.5330, 0.3508, 0.3365



70.5330, 0.3252, 0.3642



70.5330, 0.2761, 0.3195

Rectangle

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



70.5330, 0.2994, 0.2963



70.5330, 0.3330, 0.3140



70.5330, 0.3252, 0.3642



70.5330, 0.2923, 0.3445

Sweetspot

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



70.5360, 0.2994, 0.2963



92.3776, 0.3088, 0.3191



80.4104, 0.2931, 0.3186



19.4751, 0.3080, 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.



70.5360, 0.2994, 0.2963



73.3923, 0.2966, 0.2897



73.0922, 0.3101, 0.2974



16.1865, 0.3030, 0.3049



4.5162, 0.1731, 0.0727



0.4500, 0.1865, 0.0801

Inverse Universe

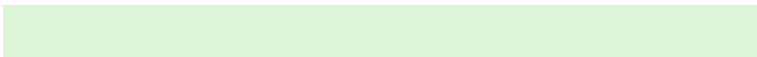
The Inverse Universe completely reimagines the original color for something new.



73.5035, 0.3210, 0.3076



77.2065, 0.3228, 0.3035



85.3256, 0.3148, 0.3620



16.6719, 0.3188, 0.3131



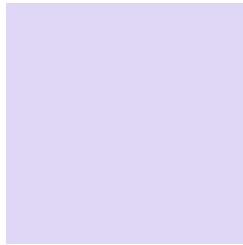
11.9648, 0.4234, 0.2106



1.0703, 0.4073, 0.2018

Previews

White Background



This preview shows how the Yxy color 70.5330, 0.2994, 0.2963 looks on a white background.

Color Contrast Check

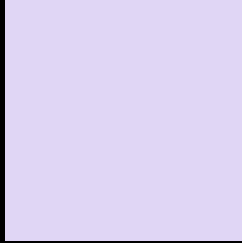
Large Text (above 18pt) WCAG AA × Fail

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 70.5330, 0.2994, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

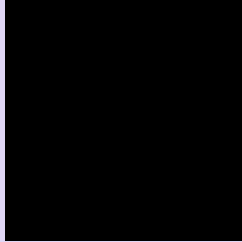
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

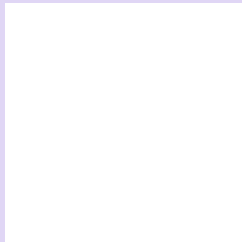
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5330, 0.2994, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 70.5330, 0.2994, 0.2963.



This preview shows how white text looks on a background with the Yxy color 70.5330, 0.2994, 0.2963.

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

70.5330, 0.2994, 0.2963

Protanopia

70.6373, 0.2914, 0.2969

Deuteranopia

70.5120, 0.3015, 0.2954



Tritanopia

70.5245, 0.3057, 0.3107

Trichromacy



Original Color

70.5330, 0.2994, 0.2963

Protanomaly

70.6710, 0.2947, 0.2970

Deuteranomaly

70.3498, 0.3008, 0.2954

Tritanomaly

70.4033, 0.3038, 0.3055

Monochromacy



Original Color

70.5330, 0.2994, 0.2963

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3856, 0.3076, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5330, 0.2994, 0.2963 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, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 245)  
}
```

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, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 70.5330, 0.2994, 0.2963 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, 214, 245) }
```

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

```
.border{ border-color:rgb(224, 214, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5330, 0.2994, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 245) }
```

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

```
.background{ background-color: rgb(224,  
214, 245) }
```

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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