

Converting Colors

$Y_{xy}(70.8267, 0.2998, 0.2940)$

Have a look what the booklet for
Yxy(70.8267, 0.2998, 0.2940)
contains.

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Color

Yxy(70.9773, 0.2995, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	E2D6F7
RGB	226, 214, 247
RGB Percent	89%, 84%, 97%
CMY	0.1136, 0.1608, 0.0313
CMYK	0.09, 0.13, 0.00, 0.03
HSL	262°, 67%, 90%
HSV	262°, 13%, 97%
XYZ	72.2069, 70.9773, 97.9072
YIQ	221.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

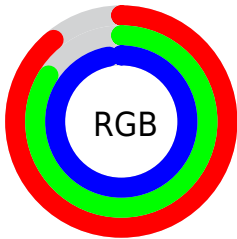
Format	Color
R _Y B	226, 214, 247
Decimal	14866167
CIE Lab	87.47, 10.22, -14.64
CIE LCh	87, 17.852, 304.927
Yxy	70.9773, 0.2995, 0.2944
Android (android.graphics.Color)	4293056247 (0xFFE2D6F7)
YUV	221.3500, 12.6454, 4.0780
Hunter-Lab	84.2480, 5.5538, -9.9291

Details

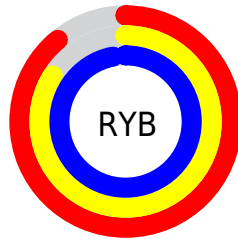
The Yxy color **70.9773, 0.2995, 0.2944** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.0514, 0.3247, 0.3630**, and the grayscale version is **72.4807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2158, 0.2963, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **56.9867, 0.2878, 0.2657**, and if you desaturate by 10%, it is **87.1024, 0.3096, 0.3207**.

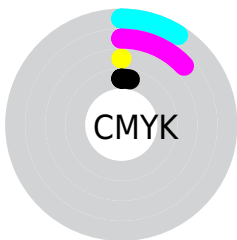
Distribution



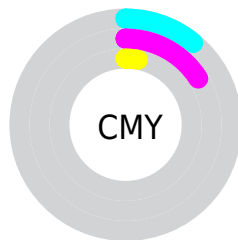
- Red (89%)
- Green (84%)
- Blue (97%)



- Red (89%)
- Yellow (84%)
- Blue (97%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9773, 0.2995, 0.2944 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 70.9773, 0.2995, 0.2944 by changing the saturation by 10% instead.

70.9773, 0.2995,
0.2944

70.9773, 0.2995,
0.2944

463.9741, 0.3057,
0.3101

52.3237, 0.2980,
0.2909

120.6014, 0.3017,
0.2998

37.2631, 0.2962,
0.2866

152.3407, 0.3025,
0.3019

25.4113, 0.2939,
0.2811

189.2106, 0.3033,
0.3038

16.3837, 0.2909,
0.2741

231.5956, 0.3039,
0.3054

9.7961, 0.2867,
0.2648

279.8800, 0.3044,
0.3068

5.2640, 0.2805,
0.2516

334.4483, 0.3049,

2.4030, 0.2707,

0.3080

0.2319

395.6849, 0.3054,
0.3091

0.8274, 0.2529,
0.1991

0.0000, 0.0000,
0.0000

70.9773, 0.2995,
0.2944

70.9773, 0.2995,
0.2944

56.9867, 0.2878,
0.2657

87.1024, 0.3096,
0.3207

45.0303, 0.2745,
0.2351

99.4968, 0.3173,
0.3366

35.0131, 0.2598,
0.2034

26.8286, 0.2440,
0.1719

■ 20.3600, 0.2277,
0.1422

■ 15.4764, 0.2118,
0.1162

■ 12.0270, 0.1971,
0.0956

■ 9.8296, 0.1844,
0.0813

■ 8.8888, 0.1772,
0.0750

Harmonies

Analogous

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



70.9773, 0.2818, 0.2934



70.9773, 0.2995, 0.2944



70.9773, 0.3214, 0.3039

Triad

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



70.9773, 0.2995, 0.2944



70.9773, 0.3547, 0.3548



70.9773, 0.2844, 0.3380

Complementary

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



70.9773, 0.2995, 0.2944



89.0514, 0.3247, 0.3630

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.



70.9773, 0.3031, 0.3563



70.9773, 0.2995, 0.2944



70.9773, 0.3439, 0.3656

Square

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



70.9773, 0.2995, 0.2944



70.9773, 0.3538, 0.3379



70.9773, 0.3249, 0.3665



70.9773, 0.2733, 0.3178

Rectangle

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



70.9773, 0.2995, 0.2944



70.9773, 0.3354, 0.3138



70.9773, 0.3249, 0.3665



70.9773, 0.2899, 0.3447

Sweetspot

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



70.9803, 0.2995, 0.2944



92.4546, 0.3090, 0.3191



80.6945, 0.2919, 0.3168



19.4945, 0.3083, 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.



70.9803, 0.2995, 0.2944



72.0822, 0.2965, 0.2870



73.6970, 0.3107, 0.2956



16.2205, 0.3036, 0.3049



4.7732, 0.1789, 0.0759



0.4755, 0.1926, 0.0835

Inverse Universe

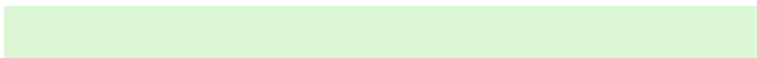
The Inverse Universe completely reimagines the original color for something new.



73.8670, 0.3225, 0.3077



75.7541, 0.3247, 0.3033



86.4425, 0.3142, 0.3641



16.6599, 0.3194, 0.3141



11.7743, 0.4396, 0.2195



1.0545, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 70.9773, 0.2995, 0.2944 looks on a white background.

Color Contrast Check

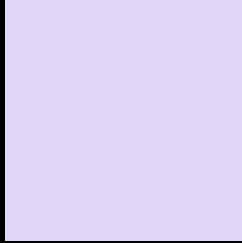
Large Text (above 18pt) WCAG AA × Fail

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 70.9773, 0.2995, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

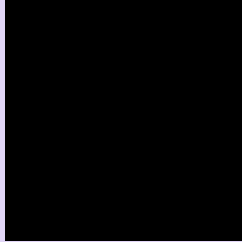
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9773, 0.2995, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 70.9773, 0.2995, 0.2944.



This preview shows how white text looks on a background with the Yxy color 70.9773, 0.2995, 0.2944.

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

70.9773, 0.2995, 0.2944

Protanopia

71.2785, 0.2902, 0.2959

Deuteranopia

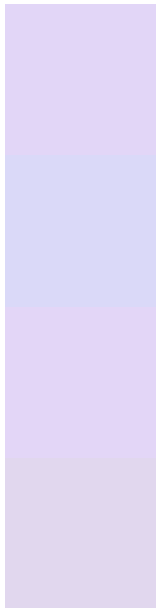
71.1394, 0.3002, 0.2945



Tritanopia

70.8422, 0.3071, 0.3108

Trichromacy



Original Color

70.9773, 0.2995, 0.2944

Protanomaly

71.3084, 0.2934, 0.2961

Deuteranomaly

71.1394, 0.3002, 0.2945

Tritanomaly

70.7815, 0.3046, 0.3046

Monochromacy



Original Color

70.9773, 0.2995, 0.2944

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5440, 0.3083, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9773, 0.2995, 0.2944 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(226, 214, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 247)  
}
```

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(226, 214, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.9773, 0.2995, 0.2944 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(226, 214, 247) }
```

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

```
.border{ border-color:rgb(226, 214, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
247) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.9773, 0.2995, 0.2944$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 247) }
```

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

```
.background{ background-color: rgb(226,  
214, 247) }
```

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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