

Converting Colors

Yxy(69.4814, 0.3052, 0.2925)

Have a look what the booklet for
Yxy(69.4814, 0.3052, 0.2925)
contains.

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Color

Yxy(69.2884, 0.3057, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	E8D1F4
RGB	232, 209, 244
RGB Percent	91%, 82%, 96%
CMY	0.0904, 0.1803, 0.0432
CMYK	0.05, 0.14, 0.00, 0.04
HSL	279°, 61%, 89%
HSV	279°, 14%, 96%
XYZ	72.3905, 69.2884, 95.1235
YIQ	219.8670, 2.4730, 15.7610

Conversions

Conversions Part 2

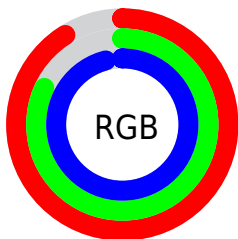
Format	Color
R _Y B	232, 209, 244
Decimal	15258100
CIE Lab	86.65, 14.17, -14.22
CIE LCh	87, 20.075, 314.914
Yxy	69.2884, 0.3057, 0.2926
Android (android.graphics.Color)	4293448180 (0xFFE8D1F4)
YUV	219.8670, 11.8976, 10.6406
Hunter-Lab	83.2397, 9.5656, -9.4869

Details

The Yxy color **69.2884, 0.3057, 0.2926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.6711, 0.3188, 0.3663**, and the grayscale version is **71.3837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3036, 0.3034, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **56.8485, 0.2997, 0.2654**, and if you desaturate by 10%, it is **83.6346, 0.3108, 0.3184**.

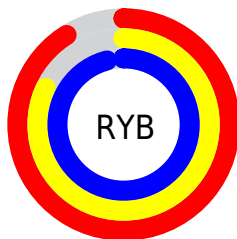
Distribution



Red (91%)

Green (82%)

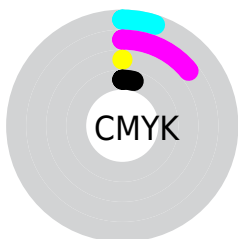
Blue (96%)



Red (91%)

Yellow (82%)

Blue (96%)

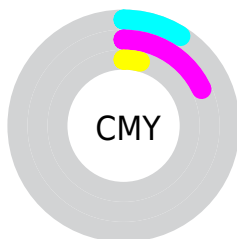


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (9%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2884, 0.3057, 0.2926 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 69.2884, 0.3057, 0.2926 by changing the saturation by 10% instead.


 69.2884, 0.3057,
0.2926

 69.2884, 0.3057,
0.2926


458.0475, 0.3091,
0.3091

 50.9466, 0.3049,
0.2889


118.1934, 0.3069,
0.2983

 36.1661, 0.3038,
0.2843


149.5254, 0.3074,
0.3005

 24.5625, 0.3025,
0.2787


185.9563, 0.3078,
0.3024

 15.7514, 0.3006,
0.2713

227.8704, 0.3081,
0.3041

 9.3484, 0.2980,
0.2615

275.6522, 0.3084,
0.3056

 4.9691, 0.2941,
0.2476

329.6861, 0.3087,

 2.2292, 0.2876,

0.3069

0.2269

390.3564, 0.3089,
0.3081

0.7358, 0.2756,
0.1909

0.0000, 0.0000,
0.0000

69.2884, 0.3057,
0.2926

69.2884, 0.3057,
0.2926

56.8485, 0.2997,
0.2654

83.6346, 0.3108,
0.3184

46.2219, 0.2928,
0.2374

98.1421, 0.3152,
0.3397

37.3212, 0.2849,
0.2095

99.3100, 0.3191,
0.3396

30.0479, 0.2763,
0.1827

■ 24.2936, 0.2671,
0.1584

■ 19.9359, 0.2576,
0.1378

■ 16.8333, 0.2483,
0.1219

■ 14.8125, 0.2393,
0.1110

■ 14.0015, 0.2344,
0.1065

Harmonies

Analogous

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



69.2884, 0.2835, 0.2880



69.2884, 0.3057, 0.2926



69.2884, 0.3307, 0.3059

Triad

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



69.2884, 0.3057, 0.2926



69.2884, 0.3576, 0.3632



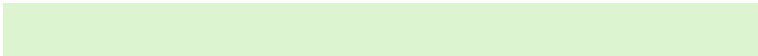
69.2884, 0.2753, 0.3314

Complementary

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



69.2884, 0.3057, 0.2926



84.6711, 0.3188, 0.3663

Split Complementary

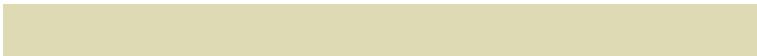
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2884, 0.2940, 0.3538



69.2884, 0.3057, 0.2926



69.2884, 0.3416, 0.3723

Square

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



69.2884, 0.3057, 0.2926



69.2884, 0.3613, 0.3457



69.2884, 0.3182, 0.3691



69.2884, 0.2665, 0.3092

Rectangle

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



69.2884, 0.3057, 0.2926



69.2884, 0.3453, 0.3182



69.2884, 0.3182, 0.3691



69.2884, 0.2806, 0.3392

Sweetspot

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



69.2914, 0.3057, 0.2926



93.0039, 0.3109, 0.3192



71.9394, 0.2901, 0.3044



19.6335, 0.3106, 0.3173



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.



69.2914, 0.3057, 0.2926



72.6707, 0.3042, 0.2853



71.0595, 0.3180, 0.2987



16.4661, 0.3083, 0.3053



7.6938, 0.2358, 0.1072



0.7330, 0.2465, 0.1132

Inverse Universe

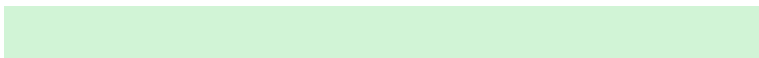
The Inverse Universe completely reimagines the original color for something new.



70.0670, 0.3305, 0.3165



73.6947, 0.3346, 0.3141



83.1132, 0.3078, 0.3613



16.5767, 0.3239, 0.3209



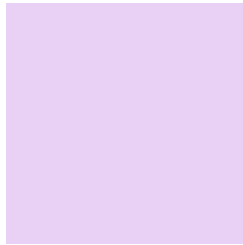
10.8290, 0.5601, 0.2859



0.9703, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 69.2884, 0.3057, 0.2926 looks on a white background.

Color Contrast Check

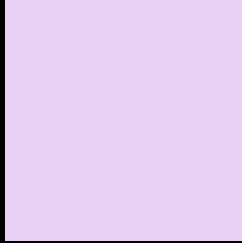
Large Text (above 18pt) WCAG AA × Fail

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 69.2884, 0.3057, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

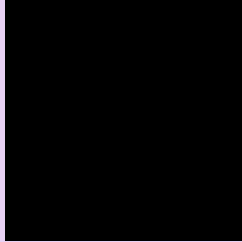
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

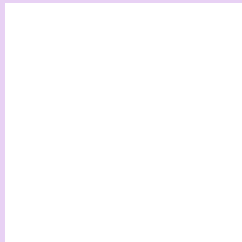
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2884, 0.3057, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 69.2884, 0.3057, 0.2926.



This preview shows how white text looks on a background with the Yxy color 69.2884, 0.3057, 0.2926.

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

69.2884, 0.3057, 0.2926

Protanopia

69.3752, 0.2894, 0.2935

Deuteranopia

69.2889, 0.3014, 0.2942



Tritanopia

69.5114, 0.3150, 0.3120

Trichromacy



Original Color

69.2884, 0.3057, 0.2926

Protanomaly

69.3640, 0.2947, 0.2928

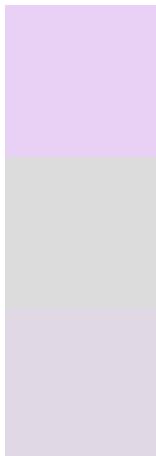
Deuteranomaly

69.1188, 0.3029, 0.2933

Tritanomaly

69.5180, 0.3117, 0.3047

Monochromacy



Original Color

69.2884, 0.3057, 0.2926

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6162, 0.3098, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2884, 0.3057, 0.2926 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(232, 209, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 244)  
}
```

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(232, 209, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 244) }
```

Border

The CSS property to change the border of an element to Yxy 69.2884, 0.3057, 0.2926 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(232, 209, 244) }
```

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

```
.border{ border-color:rgb(232, 209, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2884, 0.3057, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 244) }
```

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

```
.background{ background-color: rgb(232,  
209, 244) }
```

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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