

Converting Colors

$Y_{xy}(69.2372, 0.3046, 0.2979)$

Have a look what the booklet for
Yxy(69.2372, 0.3046, 0.2979)
contains.

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Color

Yxy(69.2107, 0.3048, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3F0
RGB	227, 211, 240
RGB Percent	89%, 83%, 94%
CMY	0.1095, 0.1726, 0.0587
CMYK	0.05, 0.12, 0.00, 0.06
HSL	273°, 49%, 88%
HSV	273°, 12%, 94%
XYZ	70.7188, 69.2107, 92.0876
YIQ	219.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

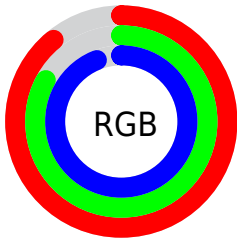
Format	Color
R_{YB}	227, 211, 240
Decimal	14930928
CIE _{Lab}	86.61, 10.80, -12.23
CIE _{LCh}	87, 16.311, 311.446
Yxy	69.2107, 0.3048, 0.2983
Android (android.graphics.Color)	4293121008 (0xFFE3D3F0)
YUV	219.0900, 10.3086, 6.9371
Hunter-Lab	83.1930, 6.1476, -7.3939

Details

The Yxy color $69.2107, 0.3048, 0.2983$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82.8742, 0.3198, 0.3599$, and the grayscale version is $70.8387, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.0083, 0.3031, 0.2907$ is the 20% darker color. If you saturate the color by 10%, you get $56.4778, 0.2970, 0.2709$, and if you desaturate by 10%, it is $83.8384, 0.3115, 0.3239$.

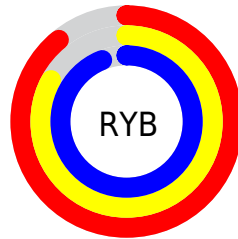
Distribution



Red (89%)

Green (83%)

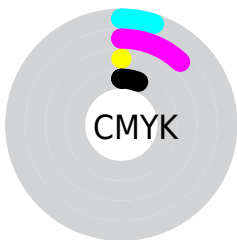
Blue (94%)



Red (89%)

Yellow (83%)

Blue (94%)

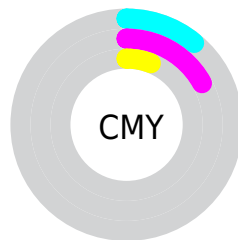


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2107, 0.3048, 0.2983 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 69.2107, 0.3048, 0.2983 by changing the saturation by 10% instead.

69.2107, 0.3048,
0.2983

69.2107, 0.3048,
0.2983

457.7737, 0.3086,
0.3123

50.8833, 0.3039,
0.2951

118.0825, 0.3061,
0.3031

36.1158, 0.3028,
0.2912

149.3956, 0.3067,
0.3050

24.5236, 0.3013,
0.2863

185.8062, 0.3071,
0.3067

15.7225, 0.2994,
0.2800

227.6986, 0.3075,
0.3081

9.3280, 0.2966,
0.2714

275.4571, 0.3078,
0.3093

4.9557, 0.2926,
0.2593

329.4662, 0.3081,

2.2213, 0.2859,

0.3105

0.2409

390.1103, 0.3084,
0.3114

0.7316, 0.2737,
0.2076

0.0000, 0.0000,
0.0000

69.2107, 0.3048,
0.2983

69.2107, 0.3048,
0.2983

56.4778, 0.2970,
0.2709

83.8384, 0.3115,
0.3239

45.5503, 0.2880,
0.2421

97.8578, 0.3173,
0.3436

36.3444, 0.2779,
0.2128

99.0727, 0.3214,
0.3434

28.7665, 0.2667,
0.1841

■ 22.7134, 0.2549,
0.1573

■ 18.0698, 0.2428,
0.1338

■ 14.7032, 0.2310,
0.1149

■ 12.4545, 0.2198,
0.1013

■ 11.2739, 0.2117,
0.0940

Harmonies

Analogous

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



69.2107, 0.2872, 0.2956



69.2107, 0.3048, 0.2983



69.2107, 0.3251, 0.3085

Triad

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



69.2107, 0.3048, 0.2983



69.2107, 0.3501, 0.3556



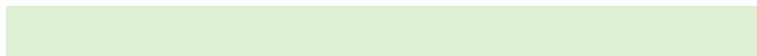
69.2107, 0.2836, 0.3332

Complementary

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



69.2107, 0.3048, 0.2983



82.8742, 0.3198, 0.3599

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.



69.2107, 0.2997, 0.3509



69.2107, 0.3048, 0.2983



69.2107, 0.3382, 0.3637

Square

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



69.2107, 0.3048, 0.2983



69.2107, 0.3517, 0.3410



69.2107, 0.3197, 0.3622



69.2107, 0.2753, 0.3150

Rectangle

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



69.2107, 0.3048, 0.2983



69.2107, 0.3373, 0.3184



69.2107, 0.3197, 0.3622



69.2107, 0.2883, 0.3395

Sweetspot

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



69.2136, 0.3048, 0.2983



92.8109, 0.3103, 0.3192



73.4774, 0.2938, 0.3117



19.5846, 0.3098, 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.



69.2136, 0.3048, 0.2983



74.8827, 0.3026, 0.2904



71.3155, 0.3151, 0.3006



15.6603, 0.3067, 0.3052



6.2503, 0.2133, 0.0948



0.5789, 0.2267, 0.1023

Inverse Universe

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



70.4873, 0.3253, 0.3155



76.6869, 0.3288, 0.3121



80.9559, 0.3104, 0.3591



15.8761, 0.3223, 0.3185



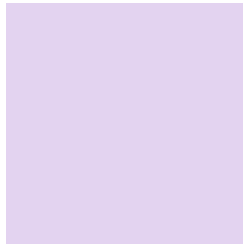
10.7489, 0.5186, 0.2630



0.9140, 0.4861, 0.2451

Previews

White Background



This preview shows how the Yxy color 69.2107, 0.3048, 0.2983 looks on a white background.

Color Contrast Check

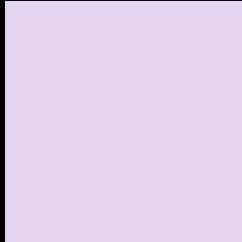
Large Text (above 18pt) WCAG AA × Fail

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 69.2107, 0.3048, 0.2983 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

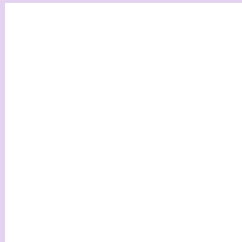
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2107, 0.3048, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 69.2107, 0.3048, 0.2983.

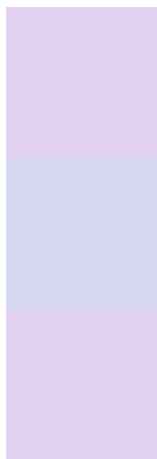


This preview shows how white text looks on a background with the Yxy color 69.2107, 0.3048, 0.2983.

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

69.2107, 0.3048, 0.2983

Protanopia

69.2181, 0.2931, 0.2987

Deuteranopia

69.2107, 0.3048, 0.2983



Tritanopia

69.2532, 0.3106, 0.3118

Trichromacy



Original Color

69.2107, 0.3048, 0.2983

Protanomaly

69.4094, 0.2972, 0.2990

Deuteranomaly

69.2107, 0.3048, 0.2983

Tritanomaly

69.1389, 0.3087, 0.3066

Monochromacy



Original Color

69.2107, 0.3048, 0.2983

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1874, 0.3097, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2107, 0.3048, 0.2983 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(227, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 240)  
}
```

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(227, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 240) }
```

Border

The CSS property to change the border of an element to Yxy 69.2107, 0.3048, 0.2983 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(227, 211, 240) }
```

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

```
.border{ border-color:rgb(227, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2107, 0.3048, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 240) }
```

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

```
.background{ background-color: rgb(227,  
211, 240) }
```

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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