

Converting Colors

$Yxy(71.7545, 0.3064, 0.2940)$

Have a look what the booklet for
Yxy(71.7545, 0.3064, 0.2940)
contains.

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Color

Yxy(71.9661, 0.3058, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	EBD5F7
RGB	235, 213, 247
RGB Percent	92%, 84%, 97%
CMY	0.0783, 0.1647, 0.0313
CMYK	0.05, 0.14, 0.00, 0.03
HSL	279°, 68%, 90%
HSV	279°, 14%, 97%
XYZ	74.8545, 71.9661, 97.9620
YIQ	223.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

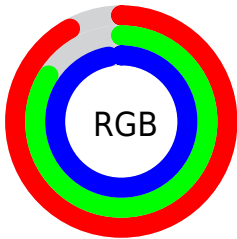
Format	Color
R _Y B	235, 213, 247
Decimal	15455735
CIE Lab	87.95, 13.67, -13.85
CIE LCh	88, 19.458, 314.626
Yxy	71.9661, 0.3058, 0.2940
Android (android.graphics.Color)	4293645815 (0xFFEBD5F7)
YUV	223.4540, 11.6082, 10.1258
Hunter-Lab	84.8328, 9.0468, -9.0831

Details

The Yxy color $71.9661, 0.3058, 0.2940$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87.3469, 0.3187, 0.3648$, and the grayscale version is $74.0513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.7990, 0.3036, 0.2853$ is the 20% darker color. If you saturate the color by 10%, you get $59.0289, 0.2997, 0.2668$, and if you desaturate by 10%, it is $86.8746, 0.3110, 0.3197$.

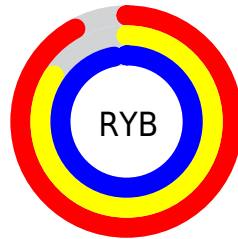
Distribution



Red (92%)

Green (84%)

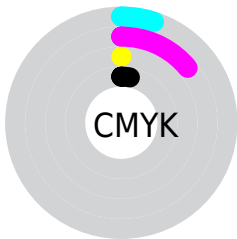
Blue (97%)



Red (92%)

Yellow (84%)

Blue (97%)

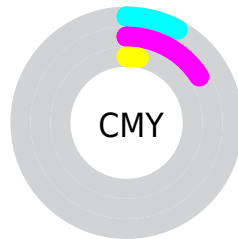


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (8%)


Magenta (16%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9661, 0.3058, 0.2940 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 71.9661, 0.3058, 0.2940 by changing the saturation by 10% instead.

 71.9661, 0.3058,
0.2940

 71.9661, 0.3058,
0.2940


467.4236, 0.3092,
0.3098

 53.1310, 0.3050,
0.2905

122.0083, 0.3070,
0.2994

 37.9073, 0.3040,
0.2862


153.9842, 0.3075,
0.3015

 25.9108, 0.3027,
0.2808


191.1092, 0.3078,
0.3034

 16.7569, 0.3009,
0.2738

233.7676, 0.3082,
0.3050

 10.0613, 0.2985,
0.2646

282.3439, 0.3085,
0.3064

 5.4396, 0.2948,
0.2517

337.2223, 0.3087,

 2.5075, 0.2889,

0.3077

0.2325

398.7875, 0.3090,
0.3088

0.8804, 0.2775,
0.2011

0.0000, 0.1408,
0.0000

71.9661, 0.3058,
0.2940

71.9661, 0.3058,
0.2940

59.0289, 0.2997,
0.2668

86.8746, 0.3110,
0.3197

47.9675, 0.2926,
0.2387

99.0154, 0.3157,
0.3367

38.6919, 0.2846,
0.2106

99.4971, 0.3173,
0.3366

31.1012, 0.2758,
0.1836

■ 25.0839, 0.2664,
0.1590

■ 20.5150, 0.2567,
0.1380

■ 17.2494, 0.2471,
0.1217

■ 15.1107, 0.2379,
0.1104

■ 14.1881, 0.2325,
0.1054

Harmonies

Analogous

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



71.9661, 0.2845, 0.2897



71.9661, 0.3058, 0.2940



71.9661, 0.3297, 0.3067

Triad

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



71.9661, 0.3058, 0.2940



71.9661, 0.3557, 0.3616



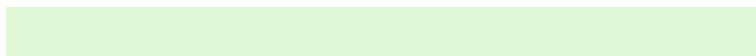
71.9661, 0.2770, 0.3315

Complementary

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



71.9661, 0.3058, 0.2940



87.3469, 0.3187, 0.3648

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.



71.9661, 0.2950, 0.3529



71.9661, 0.3058, 0.2940



71.9661, 0.3406, 0.3704

Square

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



71.9661, 0.3058, 0.2940



71.9661, 0.3591, 0.3449



71.9661, 0.3182, 0.3674



71.9661, 0.2684, 0.3103

Rectangle

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



71.9661, 0.3058, 0.2940



71.9661, 0.3438, 0.3185



71.9661, 0.3182, 0.3674



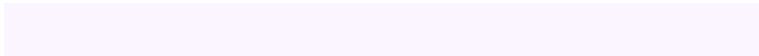
71.9661, 0.2821, 0.3390

Sweetspot

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



71.9692, 0.3058, 0.2940



92.9885, 0.3109, 0.3192



74.9676, 0.2910, 0.3060



19.6296, 0.3105, 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.



71.9692, 0.3058, 0.2940



72.6091, 0.3039, 0.2853



73.8036, 0.3174, 0.2993



16.4591, 0.3081, 0.3053



7.5842, 0.2339, 0.1062



0.7239, 0.2448, 0.1122

Inverse Universe

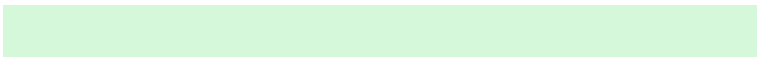
The Inverse Universe completely reimagines the original color for something new.



72.7988, 0.3296, 0.3168



73.7141, 0.3343, 0.3137



85.7203, 0.3084, 0.3606



16.5790, 0.3238, 0.3207



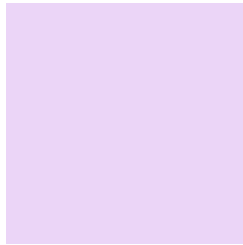
10.8465, 0.5569, 0.2842



0.9721, 0.5222, 0.2651

Previews

White Background



This preview shows how the Yxy color 71.9661, 0.3058, 0.2940 looks on a white background.

Color Contrast Check

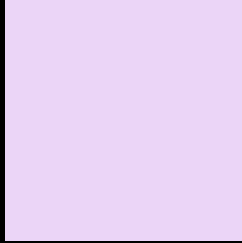
Large Text (above 18pt) WCAG AA × Fail

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 71.9661, 0.3058, 0.2940 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

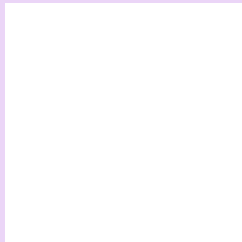
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9661, 0.3058, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 71.9661, 0.3058, 0.2940.

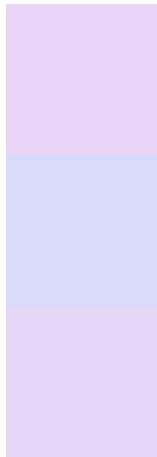


This preview shows how white text looks on a background with the Yxy color 71.9661, 0.3058, 0.2940.

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

71.9661, 0.3058, 0.2940

Protanopia

72.2270, 0.2903, 0.2951

Deuteranopia

72.1393, 0.3023, 0.2958



Tritanopia

71.7507, 0.3143, 0.3112

Trichromacy



Original Color

71.9661, 0.3058, 0.2940

Protanomaly

72.2158, 0.2956, 0.2944

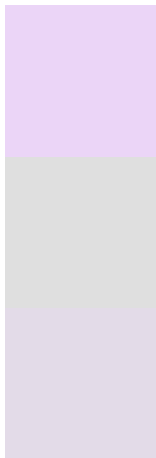
Deuteranomaly

71.9643, 0.3037, 0.2949

Tritanomaly

71.7000, 0.3117, 0.3050

Monochromacy



Original Color

71.9661, 0.3058, 0.2940

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8201, 0.3098, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9661, 0.3058, 0.2940 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(235, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 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(235, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.9661, 0.3058, 0.2940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

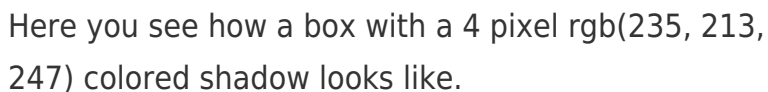
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 213, 247) }
```

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

```
.border{ border-color:rgb(235, 213, 247) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9661, 0.3058, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 247) }
```

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

```
.background{ background-color: rgb(235,  
213, 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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