

Converting Colors

Yxy(68.8608, 0.2871, 0.2695)

Have a look what the booklet for
Yxy(68.8608, 0.2871, 0.2695)
contains.

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Color

Yxy(68.3393, 0.2937, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	E1D0FF
RGB	225, 208, 255
RGB Percent	88%, 82%, 100%
CMY	0.1175, 0.1843, 0.0002
CMYK	0.12, 0.18, 0.00, 0.00
HSL	262°, 100%, 91%
HSV	262°, 18%, 100%
XYZ	71.6575, 68.3393, 103.9850
YIQ	218.4410, -4.9550, 18.2210

Conversions

Conversions Part 2

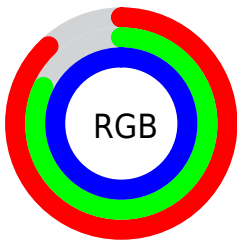
Format	Color
R _Y B	225, 208, 255
Decimal	14799103
CIE Lab	86.18, 14.66, -20.79
CIE LCh	86, 25.437, 305.183
Yxy	68.3393, 0.2937, 0.2801
Android (android.graphics.Color)	4292989183 (0xFFE1D0FF)
YUV	218.4410, 18.0236, 5.7522
Hunter-Lab	82.6676, 10.0581, -16.7118

Details

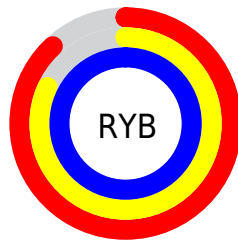
The Yxy color $68.3393, 0.2937, 0.2801$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.2127, 0.3293, 0.3767$, and the grayscale version is $70.3098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.6234, 0.2887, 0.2698$ is the 20% darker color. If you saturate the color by 10%, you get $54.4037, 0.2811, 0.2503$, and if you desaturate by 10%, it is $84.5275, 0.3047, 0.3077$.

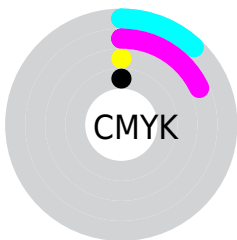
Distribution



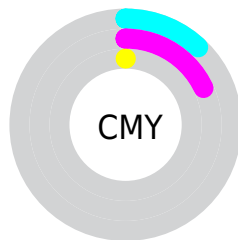
- Red (88%)
- Green (82%)
- Blue (100%)



- Red (88%)
- Yellow (82%)
- Blue (100%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3393, 0.2937, 0.2801 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 68.3393, 0.2937, 0.2801 by changing the saturation by 10% instead.

68.3393, 0.2937,
0.2801

68.3393, 0.2937,
0.2801

454.6972, 0.3028,
0.3022

50.1738, 0.2916,
0.2752

116.8374, 0.2969,
0.2877

35.5515, 0.2889,
0.2692

147.9388, 0.2981,
0.2907

24.0880, 0.2855,
0.2616

184.1210, 0.2992,
0.2932

15.3989, 0.2810,
0.2520

225.7683, 0.3001,
0.2955

9.0998, 0.2748,
0.2392

273.2652, 0.3009,
0.2975

4.8064, 0.2657,
0.2215

326.9961, 0.3016,

2.1341, 0.2512,

0.2992

0.1955

387.3453, 0.3022,
0.3008

0.6837, 0.2263,
0.1519

0.0000, 0.0000,
0.0000

68.3393, 0.2937,
0.2801

68.3393, 0.2937,
0.2801

54.4037, 0.2811,
0.2503

84.5275, 0.3047,
0.3077

42.6100, 0.2670,
0.2189

99.9973, 0.3127,
0.3290

32.8506, 0.2516,
0.1870

25.0051, 0.2355,
0.1562

■ 18.9402, 0.2192,
0.1281

■ 14.5042, 0.2037,
0.1046

■ 11.5192, 0.1899,
0.0872

■ 9.7386, 0.1785,
0.0762

■ 9.5155, 0.1768,
0.0748

Harmonies

Analogous

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



68.3393, 0.2686, 0.2782



68.3393, 0.2937, 0.2801



68.3393, 0.3252, 0.2935

Triad

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



68.3393, 0.2937, 0.2801



68.3393, 0.3733, 0.3655



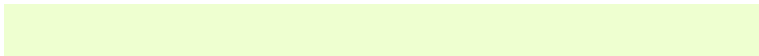
68.3393, 0.2718, 0.3416

Complementary

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



68.3393, 0.2937, 0.2801



94.2127, 0.3293, 0.3767

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.



68.3393, 0.2983, 0.3688



68.3393, 0.2937, 0.2801



68.3393, 0.3573, 0.3818

Square

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



68.3393, 0.2937, 0.2801



68.3393, 0.3725, 0.3412



68.3393, 0.3295, 0.3838



68.3393, 0.2564, 0.3119

Rectangle

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



68.3393, 0.2937, 0.2801



68.3393, 0.3456, 0.3074



68.3393, 0.3295, 0.3838



68.3393, 0.2796, 0.3515

Sweetspot

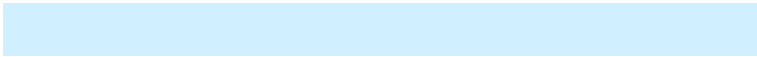
The Sweet Spot groups the original color and five complimentary colors.



68.3422, 0.2937, 0.2801



88.8207, 0.3071, 0.3140



82.0818, 0.2840, 0.3117



18.7619, 0.3065, 0.3123



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.



68.3422, 0.2937, 0.2801



63.1183, 0.2894, 0.2696



72.2710, 0.3098, 0.2824



17.6983, 0.3036, 0.3048



5.0504, 0.1785, 0.0757



0.5508, 0.1908, 0.0825

Inverse Universe

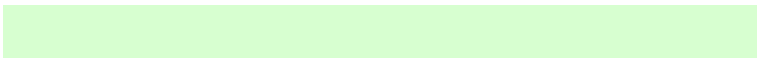
The Inverse Universe completely reimagines the original color for something new.



72.5340, 0.3267, 0.2992



68.0393, 0.3300, 0.2932



90.5012, 0.3147, 0.3789



18.1820, 0.3194, 0.3140



12.5116, 0.4392, 0.2193



1.2392, 0.4221, 0.2099

Previews

White Background



This preview shows how the Yxy color 68.3393, 0.2937, 0.2801 looks on a white background.

Color Contrast Check

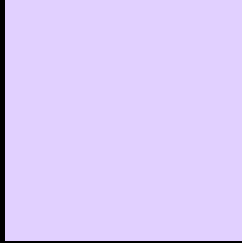
Large Text (above 18pt) WCAG AA × Fail

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 68.3393, 0.2937, 0.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

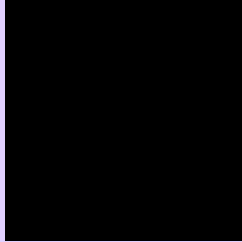
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3393, 0.2937, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 68.3393, 0.2937, 0.2801.

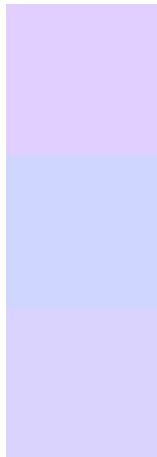


This preview shows how white text looks on a background with the Yxy color 68.3393, 0.2937, 0.2801.

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

68.3393, 0.2937, 0.2801

Protanopia

68.5785, 0.2818, 0.2849

Deuteranopia

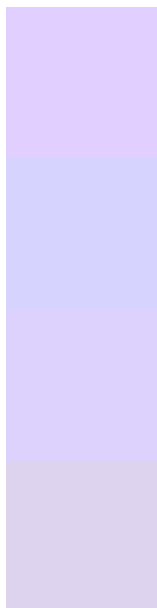
68.6497, 0.2896, 0.2836



Tritanopia

68.6178, 0.3077, 0.3116

Trichromacy



Original Color

68.3393, 0.2937, 0.2801

Protanomaly

68.6031, 0.2863, 0.2833

Deuteranomaly

68.6211, 0.2916, 0.2828

Tritanomaly

68.2912, 0.3025, 0.3001

Monochromacy



Original Color

68.3393, 0.2937, 0.2801

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2348, 0.3064, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3393, 0.2937, 0.2801 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(225, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 208, 255)  
}
```

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(225, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.3393, 0.2937, 0.2801 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(225, 208, 255) }
```

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

```
.border{ border-color:rgb(225, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3393, 0.2937, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 208, 255) }
```

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

```
.background{ background-color: rgb(225,  
208, 255) }
```

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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