

Converting Colors

$Yxy(69.1746, 0.2949, 0.2814)$

Have a look what the booklet for
Yxy(69.1746, 0.2949, 0.2814)
contains.

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Color

Yxy(69.1518, 0.2951, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	E3D1FF
RGB	227, 209, 255
RGB Percent	89%, 82%, 100%
CMY	0.1095, 0.1805, 0.0000
CMYK	0.11, 0.18, 0.00, 0.00
HSL	264°, 100%, 91%
HSV	264°, 18%, 100%
XYZ	72.5442, 69.1518, 104.1333
YIQ	219.6260, -4.0380, 18.1220

Conversions

Conversions Part 2

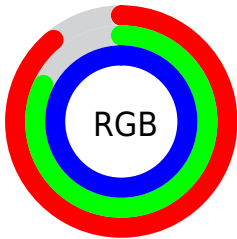
Format	Color
R _{YB}	227, 209, 255
Decimal	14930431
CIE _{Lab}	86.58, 14.79, -20.19
CIE _{LCh}	87, 25.024, 306.222
Y _{xy}	69.1518, 0.2951, 0.2813
Android (android.graphics.Color)	4293120511 (0xFFE3D1FF)
YUV	219.6260, 17.4394, 6.4670
Hunter-Lab	83.1576, 10.1925, -16.0351

Details

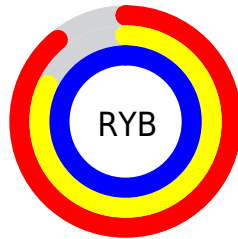
The Yxy color **69.1518, 0.2951, 0.2813** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.1129, 0.3281, 0.3758**, and the grayscale version is **71.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1778, 0.2905, 0.2715** is the 20% darker color. If you saturate the color by 10%, you get **55.2225, 0.2832, 0.2518**, and if you desaturate by 10%, it is **85.3153, 0.3055, 0.3087**.

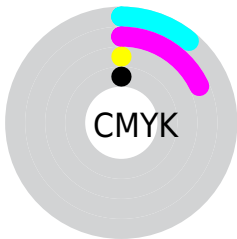
Distribution



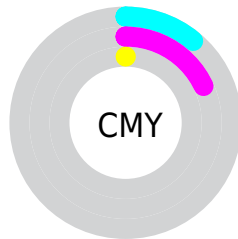
- Red (89%)
- Green (82%)
- Blue (100%)



- Red (89%)
- Yellow (82%)
- Blue (100%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1518, 0.2951, 0.2813 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 69.1518, 0.2951, 0.2813 by changing the saturation by 10% instead.

 69.1518, 0.2951,
0.2813

 69.1518, 0.2951,
0.2813

457.5662, 0.3035,
0.3029

 50.8353, 0.2931,
0.2765


117.9984, 0.2981,
0.2887

 36.0776, 0.2907,
0.2707


149.2973, 0.2992,
0.2916

 24.4941, 0.2875,
0.2634


185.6924, 0.3002,
0.2941

 15.7006, 0.2833,
0.2540

227.5683, 0.3010,
0.2963

 9.3125, 0.2776,
0.2416

275.3092, 0.3018,
0.2982

 4.9456, 0.2691,
0.2244

329.2995, 0.3024,

 2.2154, 0.2557,

0.2999

0.1993

389.9237, 0.3030,
0.3015

0.7284, 0.2323,
0.1579

0.0000, 0.0010,
0.0000

69.1518, 0.2951,
0.2813

69.1518, 0.2951,
0.2813

55.2225, 0.2832,
0.2518

85.3153, 0.3055,
0.3087

43.4183, 0.2698,
0.2208

100.0000, 0.3127,
0.3290

33.6328, 0.2552,
0.1893

25.7472, 0.2396,
0.1588

■ 19.6297, 0.2239,
0.1310

■ 15.1307, 0.2088,
0.1077

■ 12.0747, 0.1951,
0.0903

■ 10.2254, 0.1835,
0.0791

■ 9.9411, 0.1814,
0.0773

Harmonies

Analogous

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



69.1518, 0.2701, 0.2790



69.1518, 0.2951, 0.2813



69.1518, 0.3260, 0.2948

Triad

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



69.1518, 0.2951, 0.2813



69.1518, 0.3718, 0.3656



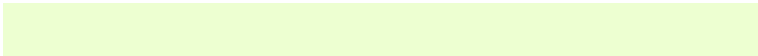
69.1518, 0.2719, 0.3403

Complementary

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



69.1518, 0.2951, 0.2813



94.1129, 0.3281, 0.3758

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.



69.1518, 0.2976, 0.3672



69.1518, 0.2951, 0.2813



69.1518, 0.3556, 0.3811

Square

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



69.1518, 0.2951, 0.2813



69.1518, 0.3716, 0.3419



69.1518, 0.3282, 0.3824



69.1518, 0.2572, 0.3114

Rectangle

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



69.1518, 0.2951, 0.2813



69.1518, 0.3459, 0.3086



69.1518, 0.3282, 0.3824



69.1518, 0.2794, 0.3500

Sweetspot

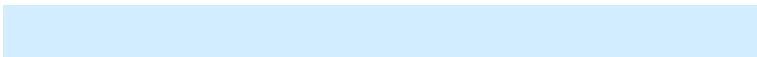
The Sweet Spot groups the original color and five complimentary colors.



69.1545, 0.2951, 0.2813



90.6947, 0.3083, 0.3166



81.5501, 0.2845, 0.3104



19.1426, 0.3077, 0.3148



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.



69.1545, 0.2951, 0.2813



63.3844, 0.2906, 0.2699



73.0688, 0.3110, 0.2835



17.7259, 0.3040, 0.3049



5.2747, 0.1831, 0.0782



0.5747, 0.1956, 0.0851

Inverse Universe

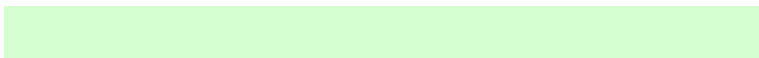
The Inverse Universe completely reimagines the original color for something new.



72.9624, 0.3274, 0.3012



67.9414, 0.3313, 0.2948



90.4718, 0.3137, 0.3779



18.1724, 0.3199, 0.3147



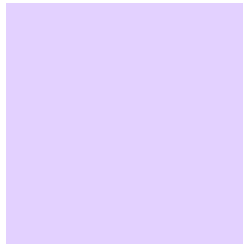
12.3720, 0.4515, 0.2261



1.2261, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 69.1518, 0.2951, 0.2813 looks on a white background.

Color Contrast Check

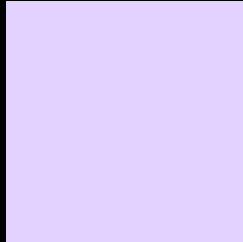
Large Text (above 18pt) WCAG AA × Fail

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 69.1518, 0.2951, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

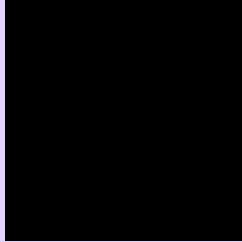
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1518, 0.2951, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 69.1518, 0.2951, 0.2813.

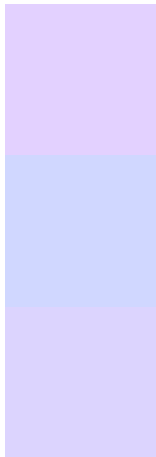


This preview shows how white text looks on a background with the Yxy color 69.1518, 0.2951, 0.2813.

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

69.1518, 0.2951, 0.2813

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

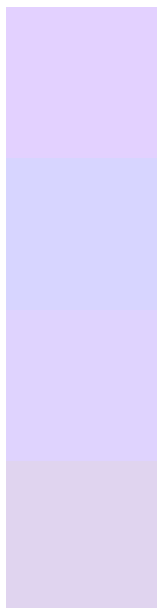
69.4584, 0.2910, 0.2849



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

69.1518, 0.2951, 0.2813

Protanomaly

69.2556, 0.2870, 0.2845

Deuteranomaly

69.4323, 0.2930, 0.2840

Tritanomaly

69.1663, 0.3033, 0.3003

Monochromacy



Original Color

69.1518, 0.2951, 0.2813

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6829, 0.3064, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1518, 0.2951, 0.2813 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 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(227, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.1518, 0.2951, 0.2813 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, 209, 255) }
```

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

```
.border{ border-color:rgb(227, 209, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1518, 0.2951, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 255) }
```

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

```
.background{ background-color: rgb(227,  
209, 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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