

Converting Colors

Yxy(69.4399, 0.2888, 0.2925)

Have a look what the booklet for
Yxy(69.4399, 0.2888, 0.2925)
contains.

Yxy(69.4375, 0.2888, 0.2925)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4375, 0.2888, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	D4D7F9
RGB	212, 215, 249
RGB Percent	83%, 84%, 98%
CMY	0.1684, 0.1569, 0.0236
CMYK	0.15, 0.14, 0.00, 0.02
HSL	235°, 75%, 90%
HSV	235°, 15%, 98%
XYZ	68.5591, 69.4375, 99.3965
YIQ	217.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

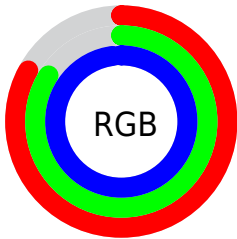
Format	Color
R _Y B	212, 215, 249
Decimal	13948921
CIE Lab	86.72, 5.65, -16.91
CIE LCh	87, 17.831, 288.488
Yxy	69.4375, 0.2888, 0.2925
Android (android.graphics.Color)	4292139001 (0xFFD4D7F9)
YUV	217.9790, 15.2934, -5.2436
Hunter-Lab	83.3292, 1.0350, -12.3918

Details

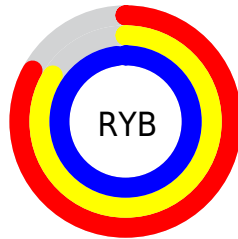
The Yxy color $69.4375, 0.2888, 0.2925$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.8303, 0.3354, 0.3631$, and the grayscale version is $70.0011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.1600, 0.2825, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $55.1555, 0.2704, 0.2640$, and if you desaturate by 10%, it is $85.9305, 0.3054, 0.3179$.

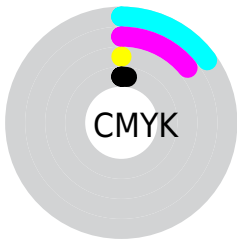
Distribution



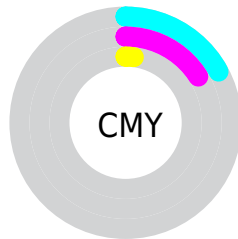
- Red (83%)
- Green (84%)
- Blue (98%)



- Red (83%)
- Yellow (84%)
- Blue (98%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4375, 0.2888, 0.2925 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 69.4375, 0.2888, 0.2925 by changing the saturation by 10% instead.

■ 69.4375, 0.2888,
0.2925

■ 69.4375, 0.2888,
0.2925

458.5725, 0.3000,
0.3092

■ 51.0681, 0.2862,
0.2887

118.4062, 0.2927,
0.2983

■ 36.2628, 0.2830,
0.2841

149.7744, 0.2942,
0.3005

■ 24.6372, 0.2790,
0.2782

186.2442, 0.2955,
0.3025

■ 15.8070, 0.2737,
0.2706

228.2001, 0.2966,
0.3042

■ 9.3877, 0.2665,
0.2604

276.0265, 0.2976,
0.3057

■ 4.9949, 0.2560,
0.2460

330.1077, 0.2985,

■ 2.2443, 0.2398,

0.3070

0.2242

390.8283, 0.2993,
0.3082

0.7440, 0.2118,
0.1865

0.0000, 0.0000,
0.0000

69.4375, 0.2888,
0.2925

69.4375, 0.2888,
0.2925

55.1555, 0.2704,
0.2640

85.9305, 0.3054,
0.3179

42.9822, 0.2505,
0.2327

99.6185, 0.3162,
0.3347

32.8201, 0.2296,
0.1994

24.5607, 0.2089,
0.1657

■ 18.0852, 0.1895,
0.1335

■ 13.2614, 0.1730,
0.1052

■ 9.9386, 0.1607,
0.0830

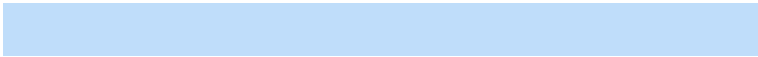
■ 7.9379, 0.1533,
0.0685

■ 7.3324, 0.1511,
0.0639

Harmonies

Analogous

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



69.4375, 0.2752, 0.2966



69.4375, 0.2888, 0.2925



69.4375, 0.3092, 0.2976

Triad

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



69.4375, 0.2888, 0.2925



69.4375, 0.3560, 0.3461



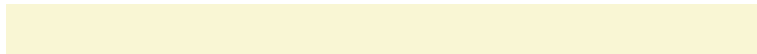
69.4375, 0.2938, 0.3488

Complementary

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



69.4375, 0.2888, 0.2925



90.8303, 0.3354, 0.3631

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.



69.4375, 0.3150, 0.3634



69.4375, 0.2888, 0.2925



69.4375, 0.3514, 0.3609

Square

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



69.4375, 0.2888, 0.2925



69.4375, 0.3486, 0.3277



69.4375, 0.3362, 0.3676



69.4375, 0.2780, 0.3287

Rectangle

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



69.4375, 0.2888, 0.2925



69.4375, 0.3240, 0.3053



69.4375, 0.3362, 0.3676



69.4375, 0.3005, 0.3546

Sweetspot

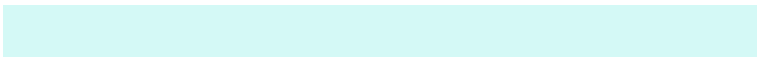
The Sweet Spot groups the original color and five complimentary colors.



69.4404, 0.2888, 0.2925



92.2722, 0.3067, 0.3198



88.3935, 0.2918, 0.3321



19.4483, 0.3055, 0.3181



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.



69.4404, 0.2888, 0.2925



68.2546, 0.2831, 0.2837



70.3544, 0.2992, 0.2905



16.8649, 0.2979, 0.3064



4.0033, 0.1514, 0.0650



0.4448, 0.1546, 0.0763

Inverse Universe

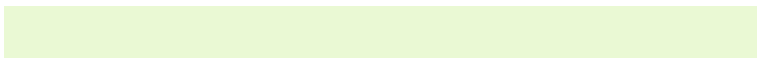
The Inverse Universe completely reimagines the original color for something new.



72.1558, 0.3384, 0.3260



71.7016, 0.3451, 0.3254



89.9207, 0.3248, 0.3671



17.2476, 0.3282, 0.3271



10.8150, 0.6316, 0.3253



1.0091, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 69.4375, 0.2888, 0.2925 looks on a white background.

Color Contrast Check

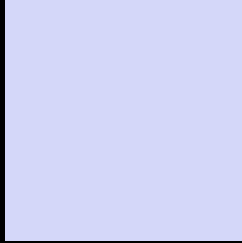
Large Text (above 18pt) WCAG AA × Fail

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 69.4375, 0.2888, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

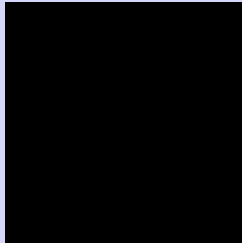
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4375, 0.2888, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 69.4375, 0.2888, 0.2925.



This preview shows how white text looks on a background with the Yxy color 69.4375, 0.2888, 0.2925.

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

69.4375, 0.2888, 0.2925

Protanopia

69.2893, 0.2881, 0.2924

Deuteranopia

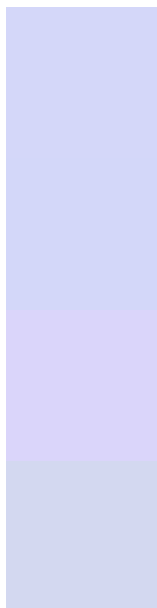
69.5187, 0.2948, 0.2890



Tritanopia

69.3255, 0.2961, 0.3092

Trichromacy



Original Color

69.4375, 0.2888, 0.2925

Protanomaly

69.2893, 0.2881, 0.2924

Deuteranomaly

69.3961, 0.2921, 0.2897

Tritanomaly

69.2519, 0.2937, 0.3029

Monochromacy



Original Color

69.4375, 0.2888, 0.2925

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8818, 0.3041, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4375, 0.2888, 0.2925 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(212, 215, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 249)  
}
```

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(212, 215, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 249) }
```

Border

The CSS property to change the border of an element to Yxy 69.4375, 0.2888, 0.2925 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(212, 215, 249) }
```

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

```
.border{ border-color:rgb(212, 215, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4375, 0.2888, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 249) }
```

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

```
.background{ background-color: rgb(212,  
215, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor