

Converting Colors

$Yxy(69.6100, 0.2947, 0.2969)$

Have a look what the booklet for
Yxy(69.6100, 0.2947, 0.2969)
contains.

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Color

Yxy(69.8842, 0.2952, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	D9D7F4
RGB	217, 215, 244
RGB Percent	85%, 84%, 96%
CMY	0.1490, 0.1569, 0.0430
CMYK	0.11, 0.12, 0.00, 0.04
HSL	244°, 57%, 90%
HSV	244°, 12%, 96%
XYZ	69.2508, 69.8842, 95.4545
YIQ	218.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

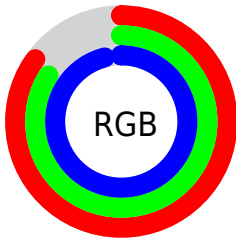
Format	Color
R _Y B	217, 215, 244
Decimal	14276596
CIE Lab	86.94, 6.21, -13.93
CIE LCh	87, 15.253, 294.023
Yxy	69.8842, 0.2952, 0.2979
Android (android.graphics.Color)	4292466676 (0xFFD9D7F4)
YUV	218.9040, 12.3723, -1.6698
Hunter-Lab	83.5968, 1.5734, -9.1822

Details

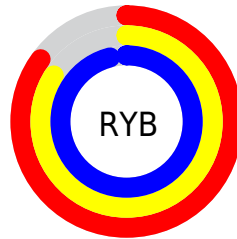
The Yxy color $69.8842, 0.2952, 0.2979$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.5106, 0.3292, 0.3586$, and the grayscale version is $70.6888, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.4538, 0.2908, 0.2900$ is the 20% darker color. If you saturate the color by 10%, you get $55.1277, 0.2783, 0.2682$, and if you desaturate by 10%, it is $86.9792, 0.3101, 0.3244$.

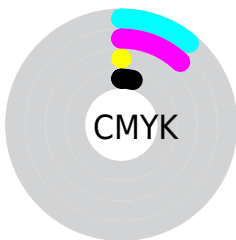
Distribution



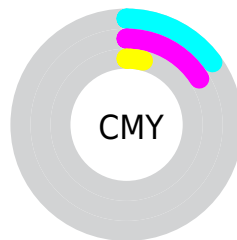
- Red (85%)
- Green (84%)
- Blue (96%)



- Red (85%)
- Yellow (84%)
- Blue (96%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8842, 0.2952, 0.2979 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 69.8842, 0.2952, 0.2979 by changing the saturation by 10% instead.

69.8842, 0.2952,
0.2979

69.8842, 0.2952,
0.2979

460.1433, 0.3034,
0.3122

51.4321, 0.2933,
0.2947

119.0436, 0.2981,
0.3028

36.5526, 0.2910,
0.2907

150.5197, 0.2992,
0.3047

24.8613, 0.2880,
0.2857

187.1060, 0.3001,
0.3064

15.9738, 0.2840,
0.2792

229.1868, 0.3010,
0.3079

9.5056, 0.2786,
0.2704

277.1465, 0.3017,
0.3091

5.0724, 0.2707,
0.2580

331.3696, 0.3023,

2.2898, 0.2583,

0.3103

0.2390

392.2404, 0.3029,
0.3113

0.7683, 0.2364,
0.2058

0.0000, 0.0000,
0.0000

69.8842, 0.2952,
0.2979

69.8842, 0.2952,
0.2979

55.1277, 0.2783,
0.2682

86.9792, 0.3101,
0.3244

42.5996, 0.2594,
0.2355

99.3138, 0.3191,
0.3395

32.1942, 0.2391,
0.2008

23.7938, 0.2183,
0.1656

■ 17.2692, 0.1980,
0.1321

■ 12.4758, 0.1800,
0.1030

■ 9.2483, 0.1656,
0.0807

■ 7.3888, 0.1560,
0.0667

■ 6.6522, 0.1516,
0.0609

Harmonies

Analogous

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



69.8842, 0.2821, 0.3000



69.8842, 0.2952, 0.2979



69.8842, 0.3133, 0.3036

Triad

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



69.8842, 0.2952, 0.2979



69.8842, 0.3497, 0.3465



69.8842, 0.2936, 0.3429

Complementary

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



69.8842, 0.2952, 0.2979



88.5106, 0.3292, 0.3586

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.



69.8842, 0.3113, 0.3565



69.8842, 0.2952, 0.2979



69.8842, 0.3439, 0.3580

Square

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



69.8842, 0.2952, 0.2979



69.8842, 0.3452, 0.3310



69.8842, 0.3297, 0.3619



69.8842, 0.2813, 0.3256

Rectangle

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



69.8842, 0.2952, 0.2979



69.8842, 0.3258, 0.3110



69.8842, 0.3297, 0.3619



69.8842, 0.2991, 0.3481

Sweetspot

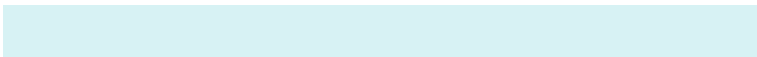
The Sweet Spot groups the original color and five complimentary colors.



69.8871, 0.2952, 0.2979



91.9076, 0.3071, 0.3190



84.5444, 0.2944, 0.3269



19.3565, 0.3060, 0.3171



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.



69.8871, 0.2952, 0.2979



73.5336, 0.2918, 0.2918



72.1982, 0.3052, 0.2988



15.9815, 0.2990, 0.3046



3.6363, 0.1521, 0.0612



0.3384, 0.1574, 0.0641

Inverse Universe

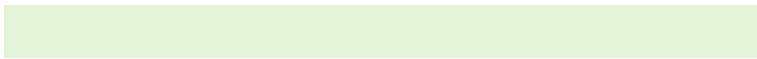
The Inverse Universe completely reimagines the original color for something new.



74.2517, 0.3154, 0.3016



79.1414, 0.3160, 0.2966



86.0547, 0.3195, 0.3594



16.7473, 0.3149, 0.3073



13.4848, 0.3391, 0.1642



1.1910, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 69.8842, 0.2952, 0.2979 looks on a white background.

Color Contrast Check

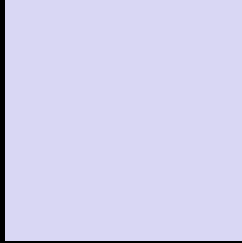
Large Text (above 18pt) WCAG AA × Fail

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 69.8842, 0.2952, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

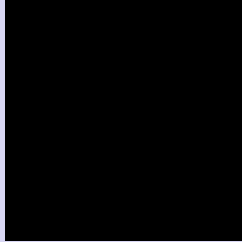
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8842, 0.2952, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 69.8842, 0.2952, 0.2979.



This preview shows how white text looks on a background with the Yxy color 69.8842, 0.2952, 0.2979.

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

69.8842, 0.2952, 0.2979

Protanopia

69.8504, 0.2919, 0.2978

Deuteranopia

69.8483, 0.3008, 0.2943



Tritanopia

70.0133, 0.3002, 0.3105

Trichromacy



Original Color

69.8842, 0.2952, 0.2979

Protanomaly

70.0004, 0.2926, 0.2978

Deuteranomaly

69.8690, 0.2987, 0.2952

Tritanomaly

69.8837, 0.2983, 0.3052

Monochromacy



Original Color

69.8842, 0.2952, 0.2979

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6497, 0.3061, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8842, 0.2952, 0.2979 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(217, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 244)  
}
```

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(217, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 69.8842, 0.2952, 0.2979 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(217, 215, 244) }
```

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

```
.border{ border-color:rgb(217, 215, 244) }
```

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

Here you see how a box with a 4 pixel rgb(217, 215, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8842, 0.2952, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 244) }
```

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

```
.background{ background-color: rgb(217,  
215, 244) }
```

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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