

Converting Colors

$Yxy(63.5842, 0.2975, 0.2877)$

Have a look what the booklet for
Yxy(63.5842, 0.2975, 0.2877)
contains.

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Color

Yxy(63.3436, 0.2970, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	D9CAF1
RGB	217, 202, 241
RGB Percent	85%, 79%, 95%
CMY	0.1489, 0.2079, 0.0549
CMYK	0.10, 0.16, 0.00, 0.05
HSL	263°, 58%, 87%
HSV	263°, 16%, 95%
XYZ	65.6193, 63.3436, 91.9775
YIQ	210.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

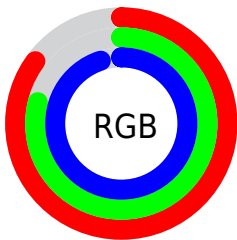
Format	Color
R _Y B	217, 202, 241
Decimal	14273265
CIE Lab	83.62, 12.50, -17.30
CIE LCh	84, 21.343, 305.856
Yxy	63.3436, 0.2970, 0.2867
Android (android.graphics.Color)	4292463345 (0xFFD9CAF1)
YUV	210.9310, 14.8240, 5.3225
Hunter-Lab	79.5887, 7.8895, -12.8070

Details

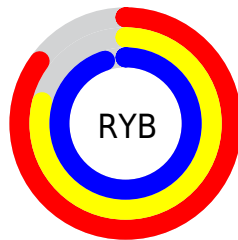
The Yxy color $63.3436, 0.2970, 0.2867$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83.3281, 0.3267, 0.3706$, and the grayscale version is $64.9996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3640, 0.2928, 0.2767$ is the 20% darker color. If you saturate the color by 10%, you get $50.7389, 0.2853, 0.2576$, and if you desaturate by 10%, it is $77.9229, 0.3072, 0.3136$.

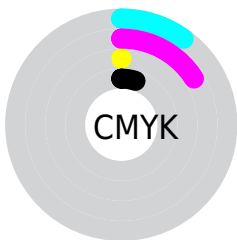
Distribution



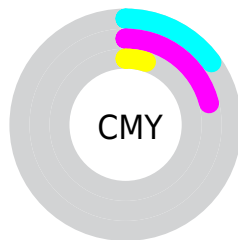
- Red (85%)
- Green (79%)
- Blue (95%)



- Red (85%)
- Yellow (79%)
- Blue (95%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3436, 0.2970, 0.2867 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 63.3436, 0.2970, 0.2867 by changing the saturation by 10% instead.

63.3436, 0.2970,
0.2867

63.3436, 0.2970,
0.2867

436.8154, 0.3046,
0.3062

46.1192, 0.2952,
0.2823

109.6651, 0.2997,
0.2935

32.3399, 0.2929,
0.2768

139.5310, 0.3007,
0.2961

21.6213, 0.2900,
0.2699

174.3795, 0.3016,
0.2984

13.5789, 0.2860,
0.2609

214.5950, 0.3024,
0.3003

7.8284, 0.2804,
0.2488

260.5620, 0.3030,
0.3021

3.9853, 0.2721,
0.2316

312.6648, 0.3036,

1.6654, 0.2583,

0.3036

0.2053

371.2878, 0.3041,
0.3050

0.4011, 0.2361,
0.1380

0.0000, 0.0000,
0.0000

63.3436, 0.2970,
0.2867

63.3436, 0.2970,
0.2867

50.7389, 0.2853,
0.2576

77.9229, 0.3072,
0.3136

40.0139, 0.2721,
0.2268

94.5503, 0.3159,
0.3380

31.0774, 0.2575,
0.1953

99.1302, 0.3209,
0.3425

23.8275, 0.2420,
0.1645

■ 18.1516, 0.2262,
0.1360

■ 13.9228, 0.2108,
0.1116

■ 10.9935, 0.1967,
0.0929

■ 9.1812, 0.1847,
0.0804

■ 8.6755, 0.1806,
0.0769

Harmonies

Analogous

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



63.3436, 0.2750, 0.2849



63.3436, 0.2970, 0.2867



63.3436, 0.3242, 0.2986

Triad

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



63.3436, 0.2970, 0.2867



63.3436, 0.3647, 0.3612



63.3436, 0.2770, 0.3393

Complementary

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



63.3436, 0.2970, 0.2867



83.3281, 0.3267, 0.3706

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.



63.3436, 0.2998, 0.3626



63.3436, 0.2970, 0.2867



63.3436, 0.3507, 0.3747

Square

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



63.3436, 0.2970, 0.2867



63.3436, 0.3642, 0.3404



63.3436, 0.3268, 0.3757



63.3436, 0.2638, 0.3140

Rectangle

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



63.3436, 0.2970, 0.2867



63.3436, 0.3416, 0.3108



63.3436, 0.3268, 0.3757



63.3436, 0.2838, 0.3477

Sweetspot

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



63.3463, 0.2970, 0.2867



90.6780, 0.3083, 0.3166



73.3212, 0.2875, 0.3126



19.1386, 0.3076, 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.



63.3463, 0.2970, 0.2867



67.6741, 0.2938, 0.2785



66.4970, 0.3112, 0.2885



15.5260, 0.3040, 0.3050



4.7770, 0.1822, 0.0778



0.4530, 0.1969, 0.0858

Inverse Universe

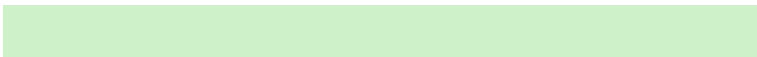
The Inverse Universe completely reimagines the original color for something new.



66.4255, 0.3254, 0.3040



71.7421, 0.3281, 0.2993



80.3679, 0.3136, 0.3722



15.9221, 0.3197, 0.3146



11.3282, 0.4482, 0.2242



0.9618, 0.4269, 0.2125

Previews

White Background



This preview shows how the Yxy color 63.3436, 0.2970, 0.2867 looks on a white background.

Color Contrast Check

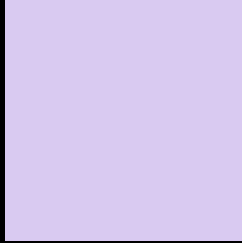
Large Text (above 18pt) WCAG AA × Fail

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 63.3436, 0.2970, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

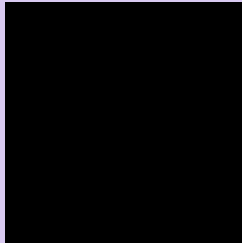
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3436, 0.2970, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 63.3436, 0.2970, 0.2867.



This preview shows how white text looks on a background with the Yxy color 63.3436, 0.2970, 0.2867.

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

63.3436, 0.2970, 0.2867

Protanopia

63.5748, 0.2840, 0.2879

Deuteranopia

63.2089, 0.2941, 0.2875



Tritanopia

63.2327, 0.3076, 0.3100

Trichromacy



Original Color

63.3436, 0.2970, 0.2867

Protanomaly

63.3991, 0.2887, 0.2871

Deuteranomaly

63.3589, 0.2948, 0.2875

Tritanomaly

63.2899, 0.3036, 0.3013

Monochromacy



Original Color

63.3436, 0.2970, 0.2867

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5318, 0.3068, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3436, 0.2970, 0.2867 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, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 241)  
}
```

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, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 241) }
```

Border

The CSS property to change the border of an element to Yxy 63.3436, 0.2970, 0.2867 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, 202, 241) }
```

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

```
.border{ border-color:rgb(217, 202, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3436, 0.2970, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 241) }
```

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

```
.background{ background-color: rgb(217,  
202, 241) }
```

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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