

Converting Colors

Yxy(66.4832, 0.2847, 0.2823)

Have a look what the booklet for
Yxy(66.4832, 0.2847, 0.2823)
contains.

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Color

Yxy(66.3944, 0.2847, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1FD
RGB	210, 209, 253
RGB Percent	82%, 82%, 99%
CMY	0.1766, 0.1803, 0.0079
CMYK	0.17, 0.17, 0.00, 0.01
HSL	241°, 92%, 91%
HSV	241°, 17%, 99%
XYZ	67.1015, 66.3944, 102.1960
YIQ	214.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

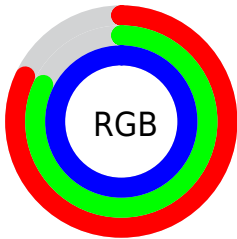
Format	Color
R _Y B	210, 209, 253
Decimal	13816317
CIE Lab	85.20, 9.02, -21.34
CIE LCh	85, 23.168, 292.908
Yxy	66.3944, 0.2847, 0.2817
Android (android.graphics.Color)	4292006397 (0xFFD2D1FD)
YUV	214.3150, 19.0717, -3.7843
Hunter-Lab	81.4828, 4.4008, -17.3238

Details

The Yxy color $66.3944, 0.2847, 0.2817$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.5468, 0.3383, 0.3725$, and the grayscale version is $67.3435, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3968, 0.2780, 0.2717$ is the 20% darker color. If you saturate the color by 10%, you get $51.5971, 0.2658, 0.2499$, and if you desaturate by 10%, it is $83.7297, 0.3016, 0.3102$.

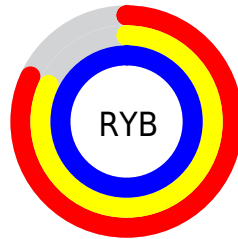
Distribution



Red (82%)

Green (82%)

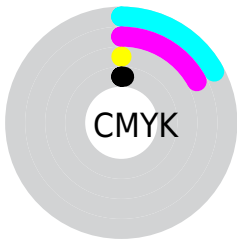
Blue (99%)



Red (82%)

Yellow (82%)

Blue (99%)

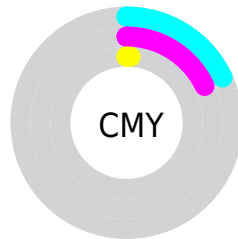


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3944, 0.2847, 0.2817 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 66.3944, 0.2847, 0.2817 by changing the saturation by 10% instead.

■ 66.3944, 0.2847,
0.2817

■ 66.3944, 0.2847,
0.2817

447.7861, 0.2979,
0.3034

■ 48.5926, 0.2816,
0.2768

114.0522, 0.2893,
0.2892

■ 34.2964, 0.2778,
0.2708

144.6771, 0.2911,
0.2921

■ 23.1214, 0.2730,
0.2633

180.3451, 0.2926,
0.2946

■ 14.6832, 0.2666,
0.2536

221.4406, 0.2940,
0.2968

■ 8.5973, 0.2579,
0.2406

268.3481, 0.2951,
0.2987

■ 4.4795, 0.2452,
0.2224

321.4519, 0.2962,

■ 1.9452, 0.2255,

0.3005

0.1952

381.1364, 0.2971,
0.3020

■ 0.5754, 0.1926,
0.1445

■ 0.0000, 0.0000,
0.0000

■ 66.3944, 0.2847,
0.2817

■ 66.3944, 0.2847,
0.2817

■ 51.5971, 0.2658,
0.2499

■ 83.7297, 0.3016,
0.3102

■ 39.2112, 0.2452,
0.2155

99.8711, 0.3139,
0.3309

■ 29.1112, 0.2237,
0.1797

■ 21.1576, 0.2026,
0.1447

■ 15.1950, 0.1834,
0.1131

■ 11.0477, 0.1677,
0.0876

■ 8.5090, 0.1569,
0.0703

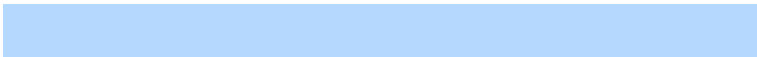
■ 7.3132, 0.1513,
0.0616

■ 7.1269, 0.1505,
0.0603

Harmonies

Analogous

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



66.3944, 0.2655, 0.2849



66.3944, 0.2847, 0.2817



66.3944, 0.3122, 0.2900

Triad

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



66.3944, 0.2847, 0.2817



66.3944, 0.3701, 0.3542



66.3944, 0.2841, 0.3516

Complementary

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



66.3944, 0.2847, 0.2817



95.5468, 0.3383, 0.3725

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.



66.3944, 0.3112, 0.3728



66.3944, 0.2847, 0.2817



66.3944, 0.3614, 0.3729

Square

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



66.3944, 0.2847, 0.2817



66.3944, 0.3626, 0.3305



66.3944, 0.3396, 0.3804



66.3944, 0.2651, 0.3242

Rectangle

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



66.3944, 0.2847, 0.2817



66.3944, 0.3317, 0.3008



66.3944, 0.3396, 0.3804



66.3944, 0.2925, 0.3598

Sweetspot

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



66.3971, 0.2847, 0.2817



89.8443, 0.3053, 0.3165



90.4294, 0.2864, 0.3282



18.9366, 0.3042, 0.3146



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.



66.3971, 0.2847, 0.2817



61.8472, 0.2781, 0.2705



69.8100, 0.2996, 0.2837



17.3967, 0.2982, 0.3044



3.7997, 0.1507, 0.0604



0.3763, 0.1522, 0.0612

Inverse Universe

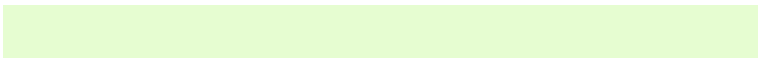
The Inverse Universe completely reimagines the original color for something new.



73.5178, 0.3154, 0.2867



70.3880, 0.3160, 0.2777



91.7143, 0.3240, 0.3745



18.2931, 0.3141, 0.3061



14.6991, 0.3265, 0.1572



1.4333, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 66.3944, 0.2847, 0.2817 looks on a white background.

Color Contrast Check

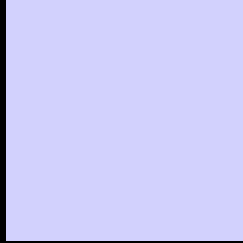
Large Text (above 18pt) WCAG AA × Fail

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 66.3944, 0.2847, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

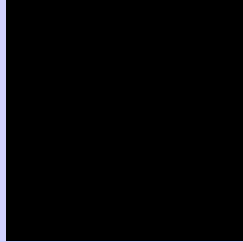
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3944, 0.2847, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 66.3944, 0.2847, 0.2817.

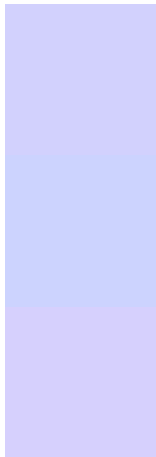


This preview shows how white text looks on a background with the Yxy color 66.3944, 0.2847, 0.2817.

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

66.3944, 0.2847, 0.2817

Protanopia

66.5817, 0.2803, 0.2824

Deuteranopia

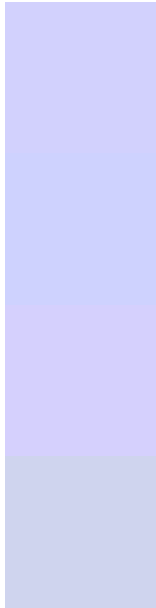
66.4997, 0.2874, 0.2809



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.3944, 0.2847, 0.2817

Protanomaly

66.3708, 0.2815, 0.2814

Deuteranomaly

66.3497, 0.2867, 0.2809

Tritanomaly

66.5254, 0.2921, 0.3003

Monochromacy



Original Color

66.3944, 0.2847, 0.2817

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8345, 0.3027, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3944, 0.2847, 0.2817 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(210, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 253)  
}
```

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(210, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 253) }
```

Border

The CSS property to change the border of an element to Yxy 66.3944, 0.2847, 0.2817 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(210, 209, 253) }
```

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

```
.border{ border-color:rgb(210, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3944, 0.2847, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 253) }
```

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

```
.background{ background-color: rgb(210,  
209, 253) }
```

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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