

Converting Colors

Yxy(51.6641, 0.2867, 0.2595)

Have a look what the booklet for
Yxy(51.6641, 0.2867, 0.2595)
contains.

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Color

Yxy(51.4284, 0.2867, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	CCB3F1
RGB	204, 179, 241
RGB Percent	80%, 70%, 95%
CMY	0.1999, 0.2981, 0.0549
CMYK	0.15, 0.26, 0.00, 0.05
HSL	264°, 69%, 82%
HSV	264°, 26%, 95%
XYZ	56.9067, 51.4284, 90.1535
YIQ	193.5430, -5.0020, 24.5820

Conversions

Conversions Part 2

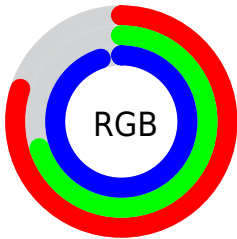
Format	Color
R_{YB}	204, 179, 241
Decimal	13415409
CIE _{Lab}	76.94, 20.82, -27.57
CIE _{LCh}	77, 34.547, 307.066
Yxy	51.4284, 0.2867, 0.2591
Android (android.graphics.Color)	4291605489 (0xFFCCB3F1)
YUV	193.5430, 23.3963, 9.1708
Hunter-Lab	71.7136, 16.1458, -24.3359

Details

The Yxy color **51.4284, 0.2867, 0.2591** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7649, 0.3340, 0.3972**, and the grayscale version is **53.5297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **24.8141, 0.2789, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **40.6618, 0.2739, 0.2286**, and if you desaturate by 10%, it is **64.0748, 0.2980, 0.2880**.

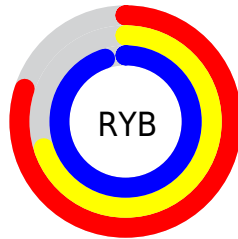
Distribution



Red (80%)

Green (70%)

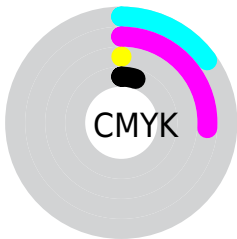
Blue (95%)



Red (80%)

Yellow (70%)

Blue (95%)

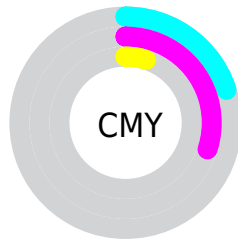


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (20%)


Magenta (30%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4284, 0.2867, 0.2591 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 51.4284, 0.2867, 0.2591 by changing the saturation by 10% instead.

 51.4284, 0.2867,
0.2591

 51.4284, 0.2867,
0.2591

392.2259, 0.2998,
0.2917

 36.5497, 0.2834,
0.2516


 92.2877, 0.2915,
0.2704

 24.8590, 0.2793,
0.2424


119.0371, 0.2933,
0.2749

 15.9720, 0.2738,
0.2307


150.5121, 0.2948,
0.2786

 9.5044, 0.2663,
0.2156

187.0972, 0.2961,
0.2819

 5.0716, 0.2555,
0.1952

229.1767, 0.2972,
0.2848

 2.2893, 0.2388,
0.1666

277.1351, 0.2982,

 0.7681, 0.2108,

0.2874

0.1242

331.3567, 0.2991,
0.2897

0.0000, 0.0993,
0.0000

0.0000, 0.0000,
0.0000

51.4284, 0.2867,
0.2591

51.4284, 0.2867,
0.2591

40.6618, 0.2739,
0.2286

64.0748, 0.2980,
0.2880

31.6759, 0.2598,
0.1973

78.6810, 0.3078,
0.3148

24.3715, 0.2448,
0.1667

95.3300, 0.3161,
0.3391

18.6373, 0.2293,
0.1383

99.1315, 0.3209,
0.3425

■ 14.3476, 0.2142,
0.1140

■ 11.3566, 0.2002,
0.0951

■ 9.4850, 0.1881,
0.0825

■ 8.9104, 0.1835,
0.0784

Harmonies

Analogous

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



51.4284, 0.2497, 0.2545



51.4284, 0.2867, 0.2591



51.4284, 0.3337, 0.2791

Triad

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



51.4284, 0.2867, 0.2591



51.4284, 0.4021, 0.3831



51.4284, 0.2502, 0.3443

Complementary

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



51.4284, 0.2867, 0.2591



80.7649, 0.3340, 0.3972

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.



51.4284, 0.2876, 0.3878



51.4284, 0.2867, 0.2591



51.4284, 0.3758, 0.4083

Square

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



51.4284, 0.2867, 0.2591



51.4284, 0.4033, 0.3475



51.4284, 0.3336, 0.4119



51.4284, 0.2299, 0.2996

Rectangle

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



51.4284, 0.2867, 0.2591



51.4284, 0.3643, 0.2991



51.4284, 0.3336, 0.4119



51.4284, 0.2611, 0.3599

Sweetspot

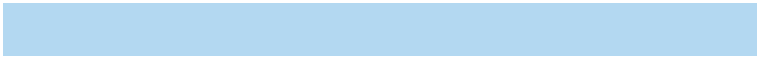
The Sweet Spot groups the original color and five complimentary colors.



51.4305, 0.2867, 0.2591



85.4336, 0.3056, 0.3088



65.1498, 0.2723, 0.3003



17.7357, 0.3042, 0.3049



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.



51.4305, 0.2867, 0.2591



51.6421, 0.2800, 0.2429



56.2179, 0.3108, 0.2639



15.5402, 0.3043, 0.3050



4.9052, 0.1851, 0.0793



0.4646, 0.1998, 0.0874

Inverse Universe

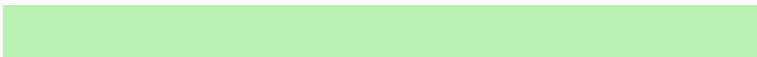
The Inverse Universe completely reimagines the original color for something new.



55.8956, 0.3357, 0.2896



57.6231, 0.3419, 0.2811



76.5093, 0.3132, 0.4018



15.9171, 0.3200, 0.3150



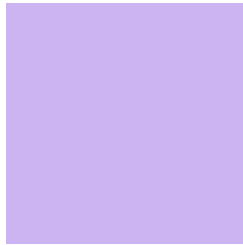
11.2552, 0.4555, 0.2283



0.9560, 0.4329, 0.2159

Previews

White Background



This preview shows how the Yxy color 51.4284, 0.2867, 0.2591 looks on a white background.

Color Contrast Check

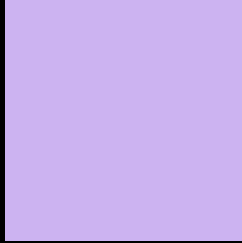
Large Text (above 18pt) WCAG AA × Fail

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 51.4284, 0.2867, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

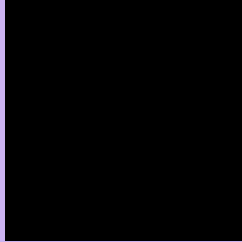
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4284, 0.2867, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 51.4284, 0.2867, 0.2591.



This preview shows how white text looks on a background with the Yxy color 51.4284, 0.2867, 0.2591.

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

51.4284, 0.2867, 0.2591

Protanopia

51.6805, 0.2623, 0.2595

Deuteranopia

51.4764, 0.2724, 0.2655



Tritanopia

51.2052, 0.3103, 0.3107

Trichromacy



Original Color

51.4284, 0.2867, 0.2591

Protanomaly

51.6048, 0.2706, 0.2594

Deuteranomaly

51.2346, 0.2779, 0.2629

Tritanomaly

51.1042, 0.3015, 0.2899

Monochromacy



Original Color

51.4284, 0.2867, 0.2591

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1041, 0.3035, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4284, 0.2867, 0.2591 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(204, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 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(204, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 241) }
```

Border

The CSS property to change the border of an element to Yxy 51.4284, 0.2867, 0.2591 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(204, 179, 241) }
```

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

```
.border{ border-color:rgb(204, 179, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4284, 0.2867, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 241) }
```

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

```
.background{ background-color: rgb(204,  
179, 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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