

Converting Colors

Yxy(51.9238, 0.2838, 0.2604)

Have a look what the booklet for
Yxy(51.9238, 0.2838, 0.2604)
contains.

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Color

Yxy(51.8761, 0.2838, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	C9B5F2
RGB	201, 181, 242
RGB Percent	79%, 71%, 95%
CMY	0.2120, 0.2901, 0.0510
CMYK	0.17, 0.25, 0.00, 0.05
HSL	260°, 70%, 83%
HSV	260°, 25%, 95%
XYZ	56.6248, 51.8761, 91.0226
YIQ	193.9340, -7.6610, 23.2110

Conversions

Conversions Part 2

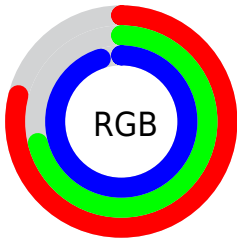
Format	Color
R _Y B	201, 181, 242
Decimal	13219314
CIE Lab	77.21, 18.97, -27.70
CIE LCh	77, 33.574, 304.396
Yxy	51.8761, 0.2838, 0.2600
Android (android.graphics.Color)	4291409394 (0xFFC9B5F2)
YUV	193.9340, 23.6965, 6.1969
Hunter-Lab	72.0251, 14.2895, -24.5110

Details

The Yxy color $51.8761, 0.2838, 0.2600$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82.3753, 0.3368, 0.3950$, and the grayscale version is $53.7659, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $25.0945, 0.2752, 0.2429$ is the 20% darker color. If you saturate the color by 10%, you get $40.7366, 0.2695, 0.2288$, and if you desaturate by 10%, it is $64.9685, 0.2965, 0.2893$.

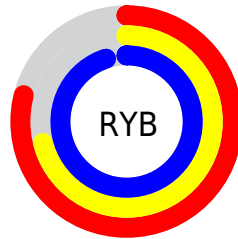
Distribution



Red (79%)

Green (71%)

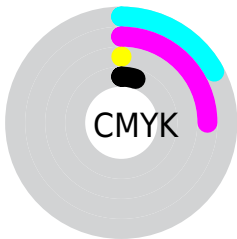
Blue (95%)



Red (79%)

Yellow (71%)

Blue (95%)

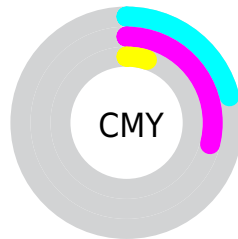


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (29%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8761, 0.2838, 0.2600 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 51.8761, 0.2838, 0.2600 by changing the saturation by 10% instead.

■ 51.8761, 0.2838,
0.2600

■ 51.8761, 0.2838,
0.2600

■ 393.9581, 0.2983,
0.2922

■ 36.9063, 0.2802,
0.2526

■ 92.9485, 0.2890,
0.2712

■ 25.1350, 0.2757,
0.2435

■ 119.8199, 0.2910,
0.2756

■ 16.1776, 0.2698,
0.2319

■ 151.4273, 0.2927,
0.2793

■ 9.6499, 0.2617,
0.2169

■ 188.1551, 0.2941,
0.2826

■ 5.1675, 0.2501,
0.1967

■ 230.3877, 0.2954,
0.2854

■ 2.3459, 0.2325,
0.1684

■ 278.5094, 0.2964,

■ 0.7978, 0.2032,

0.2880

0.1265

332.9048, 0.2974,
0.2902

0.0000, 0.0881,
0.0000

0.0000, 0.0000,
0.0000

51.8761, 0.2838,
0.2600

51.8761, 0.2838,
0.2600

40.7366, 0.2695,
0.2288

64.9685, 0.2965,
0.2893

31.4478, 0.2537,
0.1966

80.0966, 0.3076,
0.3161

23.9077, 0.2370,
0.1648

97.3458, 0.3171,
0.3403

18.0017, 0.2201,
0.1351

99.1901, 0.3203,
0.3415

■ 13.6010, 0.2038,
0.1095

■ 10.5563, 0.1892,
0.0897

■ 8.6852, 0.1771,
0.0766

■ 8.0748, 0.1721,
0.0722

Harmonies

Analogous

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



51.8761, 0.2491, 0.2571



51.8761, 0.2838, 0.2600



51.8761, 0.3289, 0.2783

Triad

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



51.8761, 0.2838, 0.2600



51.8761, 0.4006, 0.3789



51.8761, 0.2547, 0.3479

Complementary

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



51.8761, 0.2838, 0.2600



82.3753, 0.3368, 0.3950

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.



51.8761, 0.2922, 0.3889



51.8761, 0.2838, 0.2600



51.8761, 0.3771, 0.4044

Square

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



51.8761, 0.2838, 0.2600



51.8761, 0.3992, 0.3439



51.8761, 0.3370, 0.4100



51.8761, 0.2332, 0.3041

Rectangle

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



51.8761, 0.2838, 0.2600



51.8761, 0.3590, 0.2972



51.8761, 0.3370, 0.4100



51.8761, 0.2658, 0.3628

Sweetspot

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



51.8782, 0.2838, 0.2600



85.1552, 0.3046, 0.3088



68.8434, 0.2737, 0.3070



17.6659, 0.3030, 0.3048



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.



51.8782, 0.2838, 0.2600



52.0259, 0.2770, 0.2449



56.4263, 0.3068, 0.2645



15.4795, 0.3031, 0.3049



4.4040, 0.1737, 0.0730



0.4183, 0.1878, 0.0808

Inverse Universe

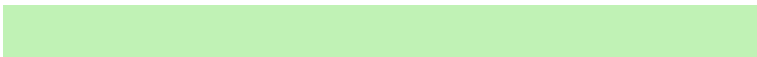
The Inverse Universe completely reimagines the original color for something new.



57.2115, 0.3313, 0.2857



59.0137, 0.3358, 0.2770



78.0673, 0.3166, 0.3993



15.9385, 0.3188, 0.3132



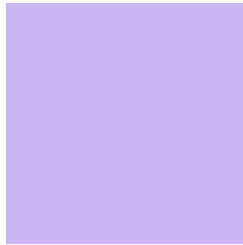
11.5866, 0.4247, 0.2113



0.9821, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 51.8761, 0.2838, 0.2600 looks on a white background.

Color Contrast Check

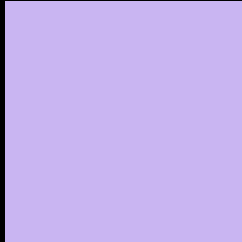
Large Text (above 18pt) WCAG AA × Fail

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 51.8761, 0.2838, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

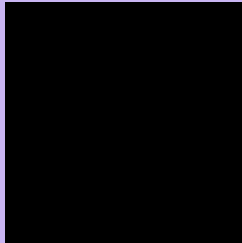
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8761, 0.2838, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 51.8761, 0.2838, 0.2600.

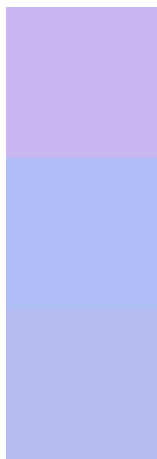


This preview shows how white text looks on a background with the Yxy color 51.8761, 0.2838, 0.2600.

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

51.8761, 0.2838, 0.2600

Protanopia

52.2246, 0.2631, 0.2609

Deuteranopia

51.9588, 0.2719, 0.2657



Tritanopia

51.7476, 0.3063, 0.3107

Trichromacy



Original Color

51.8761, 0.2838, 0.2600

Protanomaly

51.9007, 0.2700, 0.2604

Deuteranomaly

51.9959, 0.2767, 0.2642

Tritanomaly

51.5780, 0.2984, 0.2909

Monochromacy



Original Color

51.8761, 0.2838, 0.2600

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9687, 0.3027, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8761, 0.2838, 0.2600 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(201, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 242)  
}
```

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(201, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 242) }
```

Border

The CSS property to change the border of an element to Yxy 51.8761, 0.2838, 0.2600 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(201, 181, 242) }
```

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

```
.border{ border-color:rgb(201, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8761, 0.2838, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 242) }
```

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

```
.background{ background-color: rgb(201,  
181, 242) }
```

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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