

Converting Colors

$Yxy(50.9099, 0.2787, 0.2561)$

Have a look what the booklet for
Yxy(50.9099, 0.2787, 0.2561)
contains.

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Color

Yxy(50.9099, 0.2787, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	C4B4F4
RGB	196, 180, 244
RGB Percent	77%, 71%, 96%
CMY	0.2316, 0.2940, 0.0432
CMYK	0.20, 0.26, 0.00, 0.04
HSL	255°, 74%, 83%
HSV	255°, 26%, 96%
XYZ	55.4025, 50.9099, 92.4767
YIQ	192.0800, -11.0080, 23.2960

Conversions

Conversions Part 2

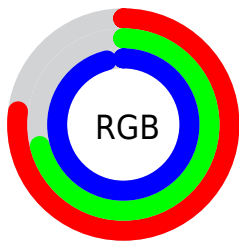
Format	Color
R _Y B	196, 180, 244
Decimal	12891380
CIE Lab	76.62, 18.43, -29.71
CIE LCh	77, 34.957, 301.812
Yxy	50.9099, 0.2787, 0.2561
Android (android.graphics.Color)	4291081460 (0xFFC4B4F4)
YUV	192.0800, 25.5966, 3.4378
Hunter-Lab	71.3512, 13.7366, -26.8987

Details

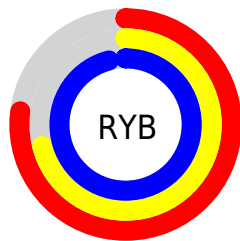
The Yxy color $50.9099, 0.2787, 0.2561$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.4875, 0.3412, 0.3971$, and the grayscale version is $52.6117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.0936, 0.3123, 0.3106$, and $24.4723, 0.2685, 0.2377$ is the 20% darker color. If you saturate the color by 10%, you get $39.6033, 0.2626, 0.2240$, and if you desaturate by 10%, it is $64.2545, 0.2931, 0.2861$.

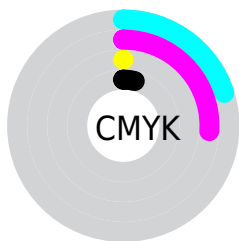
Distribution



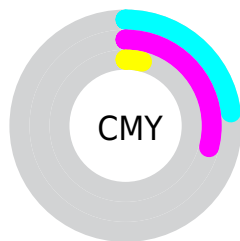
- Red (77%)
- Green (71%)
- Blue (96%)



- Red (77%)
- Yellow (71%)
- Blue (96%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9099, 0.2787, 0.2561 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 50.9099, 0.2787, 0.2561 by changing the saturation by 10% instead.

■ 50.9099, 0.2787,
0.2561

■ 50.9099, 0.2787,
0.2561

■ 390.2136, 0.2957,
0.2902

■ 36.1369, 0.2745,
0.2483

■ 91.5216, 0.2848,
0.2680

■ 24.5400, 0.2693,
0.2386

■ 118.1290, 0.2871,
0.2726

■ 15.7346, 0.2624,
0.2264

■ 149.4501, 0.2891,
0.2765

■ 9.3366, 0.2530,
0.2106

■ 185.8692, 0.2908,
0.2800

■ 4.9614, 0.2398,
0.1894

■ 227.7707, 0.2922,
0.2830

■ 2.2246, 0.2197,
0.1597

■ 275.5390, 0.2935,

■ 0.7334, 0.1871,

0.2857

0.1158

329.5585, 0.2947,
0.2881

0.0000, 0.0485,
0.0000

0.0000, 0.0000,
0.0000

50.9099, 0.2787,
0.2561

50.9099, 0.2787,
0.2561

39.6033, 0.2626,
0.2240

64.2545, 0.2931,
0.2861

30.2268, 0.2451,
0.1908

79.7252, 0.3057,
0.3134

22.6718, 0.2269,
0.1580

97.4128, 0.3166,
0.3379

16.8165, 0.2088,
0.1277

99.3104, 0.3191,
0.3396

■ 12.5234, 0.1920,
0.1019

■ 9.6330, 0.1776,
0.0825

■ 7.9489, 0.1665,
0.0704

■ 7.5147, 0.1631,
0.0672

Harmonies

Analogous

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



50.9099, 0.2439, 0.2545



50.9099, 0.2787, 0.2561



50.9099, 0.3254, 0.2739

Triad

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



50.9099, 0.2787, 0.2561



50.9099, 0.4057, 0.3780



50.9099, 0.2548, 0.3529

Complementary

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



50.9099, 0.2787, 0.2561



84.4875, 0.3412, 0.3971

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.



50.9099, 0.2950, 0.3950



50.9099, 0.2787, 0.2561



50.9099, 0.3829, 0.4062

Square

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



50.9099, 0.2787, 0.2561



50.9099, 0.4020, 0.3410



50.9099, 0.3420, 0.4146



50.9099, 0.2309, 0.3063

Rectangle

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



50.9099, 0.2787, 0.2561



50.9099, 0.3573, 0.2930



50.9099, 0.3420, 0.4146



50.9099, 0.2668, 0.3684

Sweetspot

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



50.9120, 0.2787, 0.2561



84.8772, 0.3036, 0.3087



72.3063, 0.2727, 0.3121



17.5962, 0.3018, 0.3047



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.



50.9120, 0.2787, 0.2561



49.9379, 0.2711, 0.2407



55.5014, 0.3023, 0.2609



16.1260, 0.3018, 0.3048



4.1407, 0.1644, 0.0679



0.4104, 0.1766, 0.0746

Inverse Universe

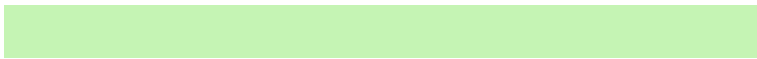
The Inverse Universe completely reimagines the original color for something new.



57.4862, 0.3282, 0.2789



58.3075, 0.3318, 0.2694



79.8658, 0.3202, 0.4018



16.6936, 0.3176, 0.3114



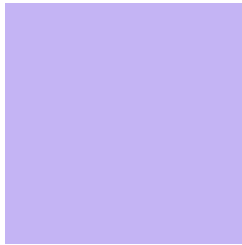
12.3453, 0.3960, 0.1955



1.1013, 0.3845, 0.1892

Previews

White Background



This preview shows how the Yxy color 50.9099, 0.2787, 0.2561 looks on a white background.

Color Contrast Check

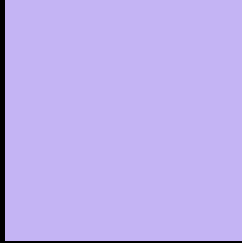
Large Text (above 18pt) WCAG AA × Fail

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 50.9099, 0.2787, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

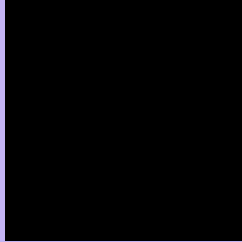
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9099, 0.2787, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 50.9099, 0.2787, 0.2561.



This preview shows how white text looks on a background with the Yxy color 50.9099, 0.2787, 0.2561.

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

50.9099, 0.2787, 0.2561

Protanopia

51.1509, 0.2597, 0.2560

Deuteranopia

51.1726, 0.2678, 0.2619



Tritanopia

51.0971, 0.3023, 0.3105

Trichromacy



Original Color

50.9099, 0.2787, 0.2561

Protanomaly

50.8201, 0.2665, 0.2556

Deuteranomaly

51.0663, 0.2717, 0.2602

Tritanomaly

50.9663, 0.2937, 0.2893

Monochromacy



Original Color

50.9099, 0.2787, 0.2561

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0070, 0.2996, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9099, 0.2787, 0.2561 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(196, 180, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 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(196, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 244) }
```

Border

The CSS property to change the border of an element to Yxy 50.9099, 0.2787, 0.2561 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(196, 180, 244) }
```

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

```
.border{ border-color:rgb(196, 180, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9099, 0.2787, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 244) }
```

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

```
.background{ background-color: rgb(196,  
180, 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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