

Converting Colors

$Yxy(50.7473, 0.2781, 0.2565)$

Have a look what the booklet for
Yxy(50.7473, 0.2781, 0.2565)
contains.

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Color

Yxy(50.7157, 0.2786, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	C3B4F3
RGB	195, 180, 243
RGB Percent	76%, 71%, 95%
CMY	0.2354, 0.2941, 0.0470
CMYK	0.20, 0.26, 0.00, 0.05
HSL	254°, 72%, 83%
HSV	254°, 26%, 95%
XYZ	54.9996, 50.7157, 91.6989
YIQ	191.6670, -11.2830, 22.7730

Conversions

Conversions Part 2

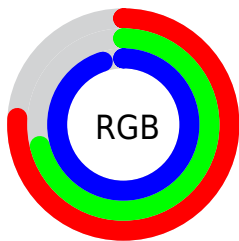
Format	Color
R _Y B	195, 180, 243
Decimal	12825843
CIE Lab	76.51, 17.92, -29.38
CIE LCh	77, 34.411, 301.384
Yxy	50.7157, 0.2786, 0.2569
Android (android.graphics.Color)	4291015923 (0xFFC3B4F3)
YUV	191.6670, 25.3072, 2.9230
Hunter-Lab	71.2150, 13.2301, -26.4934

Details

The Yxy color $50.7157, 0.2786, 0.2569$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83.9138, 0.3414, 0.3962$, and the grayscale version is $52.3620, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9064, 0.3116, 0.3106$, and $24.3420, 0.2684, 0.2387$ is the 20% darker color. If you saturate the color by 10%, you get $39.4329, 0.2623, 0.2248$, and if you desaturate by 10%, it is $64.0293, 0.2932, 0.2869$.

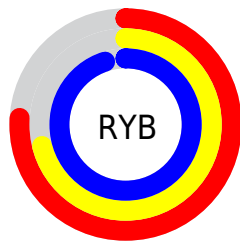
Distribution



Red (76%)

Green (71%)

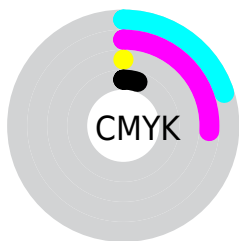
Blue (95%)



Red (76%)

Yellow (71%)

Blue (95%)

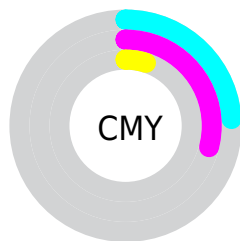


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7157, 0.2786, 0.2569 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 50.7157, 0.2786, 0.2569 by changing the saturation by 10% instead.

 50.7157, 0.2786,
0.2569

 50.7157, 0.2786,
0.2569

389.4582, 0.2956,
0.2907

 35.9824, 0.2744,
0.2491


 91.2344, 0.2847,
0.2687

 24.4206, 0.2691,
0.2396

117.7886, 0.2871,
0.2732

 15.6459, 0.2622,
0.2274


149.0518, 0.2890,
0.2772

 9.2739, 0.2528,
0.2117

185.4086, 0.2907,
0.2806

 4.9203, 0.2395,
0.1905

227.2432, 0.2922,
0.2836

 2.2006, 0.2193,
0.1608

274.9401, 0.2935,

 0.7203, 0.1865,

0.2862

0.1164

328.8836, 0.2946,
0.2886

0.0000, 0.0374,
0.0000

0.0000, 0.0000,
0.0000

50.7157, 0.2786,
0.2569

50.7157, 0.2786,
0.2569

39.4329, 0.2623,
0.2248

64.0293, 0.2932,
0.2869

30.0736, 0.2446,
0.1914

79.4612, 0.3060,
0.3142

22.5301, 0.2262,
0.1585

97.1016, 0.3170,
0.3386

16.6814, 0.2080,
0.1279

99.2522, 0.3197,
0.3405

■ 12.3911, 0.1910,
0.1019

■ 9.5014, 0.1766,
0.0823

■ 7.8184, 0.1655,
0.0700

■ 7.3619, 0.1620,
0.0666

Harmonies

Analogous

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



50.7157, 0.2444, 0.2556



50.7157, 0.2786, 0.2569



50.7157, 0.3246, 0.2743

Triad

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



50.7157, 0.2786, 0.2569



50.7157, 0.4045, 0.3769



50.7157, 0.2561, 0.3532

Complementary

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



50.7157, 0.2786, 0.2569



83.9138, 0.3414, 0.3962

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.



50.7157, 0.2960, 0.3944



50.7157, 0.2786, 0.2569



50.7157, 0.3824, 0.4049

Square

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



50.7157, 0.2786, 0.2569



50.7157, 0.4004, 0.3404



50.7157, 0.3423, 0.4134



50.7157, 0.2322, 0.3073

Rectangle

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



50.7157, 0.2786, 0.2569



50.7157, 0.3560, 0.2930



50.7157, 0.3423, 0.4134



50.7157, 0.2680, 0.3685

Sweetspot

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



50.7178, 0.2786, 0.2569



84.8354, 0.3034, 0.3087



71.8392, 0.2732, 0.3123



17.5858, 0.3016, 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.



50.7178, 0.2786, 0.2569



49.8143, 0.2704, 0.2406



55.3243, 0.3025, 0.2617



16.1165, 0.3016, 0.3048



4.0909, 0.1632, 0.0673



0.4049, 0.1751, 0.0738

Inverse Universe

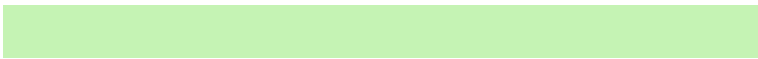
The Inverse Universe completely reimagines the original color for something new.



57.3115, 0.3274, 0.2788



58.3613, 0.3310, 0.2686



79.2541, 0.3201, 0.4009



16.6971, 0.3174, 0.3111



12.4102, 0.3918, 0.1932



1.1066, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 50.7157, 0.2786, 0.2569 looks on a white background.

Color Contrast Check

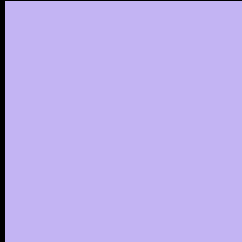
Large Text (above 18pt) WCAG AA × Fail

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 50.7157, 0.2786, 0.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

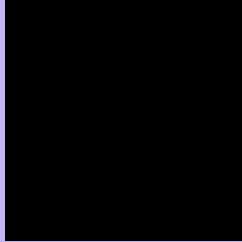
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7157, 0.2786, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 50.7157, 0.2786, 0.2569.



This preview shows how white text looks on a background with the Yxy color 50.7157, 0.2786, 0.2569.

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

50.7157, 0.2786, 0.2569

Protanopia

51.0886, 0.2603, 0.2570

Deuteranopia

50.6924, 0.2683, 0.2617



Tritanopia

50.9221, 0.3022, 0.3116

Trichromacy



Original Color

50.7157, 0.2786, 0.2569

Protanomaly

50.6381, 0.2664, 0.2565

Deuteranomaly

50.5921, 0.2723, 0.2601

Tritanomaly

50.7840, 0.2937, 0.2904

Monochromacy



Original Color

50.7157, 0.2786, 0.2569

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 50.7157, 0.2786, 0.2569 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(195, 180, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 243)  
}
```

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(195, 180, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 243) }
```

Border

The CSS property to change the border of an element to Yxy 50.7157, 0.2786, 0.2569 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(195, 180, 243) }
```

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

```
.border{ border-color:rgb(195, 180, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 243);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7157, 0.2786, 0.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 243) }
```

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

```
.background{ background-color: rgb(195,  
180, 243) }
```

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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