

Converting Colors

Yxy(52.4668, 0.2866, 0.2721)

Have a look what the booklet for
Yxy(52.4668, 0.2866, 0.2721)
contains.

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Color

Yxy(52.5088, 0.2864, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	C5B9EA
RGB	197, 185, 234
RGB Percent	77%, 73%, 92%
CMY	0.2275, 0.2745, 0.0822
CMYK	0.16, 0.21, 0.00, 0.08
HSL	255°, 54%, 82%
HSV	255°, 21%, 92%
XYZ	55.2278, 52.5088, 85.0978
YIQ	194.1740, -8.5770, 17.7830

Conversions

Conversions Part 2

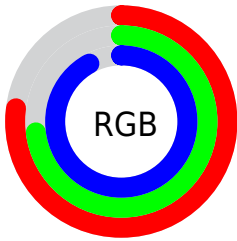
Format	Color
R _Y B	197, 185, 234
Decimal	12958186
CIE Lab	77.58, 13.85, -22.87
CIE LCh	78, 26.740, 301.197
Yxy	52.5088, 0.2864, 0.2723
Android (android.graphics.Color)	4291148266 (0xFFC5B9EA)
YUV	194.1740, 19.6342, 2.4784
Hunter-Lab	72.4630, 9.2339, -18.9039

Details

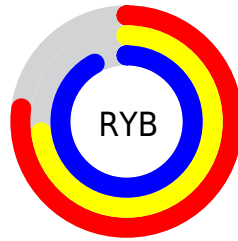
The Yxy color **52.5088, 0.2864, 0.2723** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9124, 0.3357, 0.3827**, and the grayscale version is **53.9434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2014, 0.3127, 0.3155**, and **25.5565, 0.2796, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **41.2623, 0.2711, 0.2413**, and if you desaturate by 10%, it is **65.6515, 0.2999, 0.3009**.

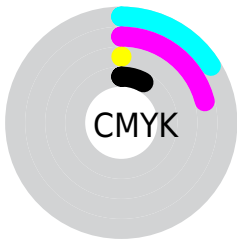
Distribution



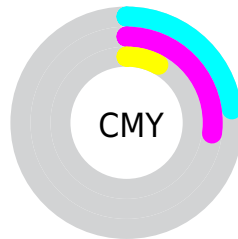
- Red (77%)
- Green (73%)
- Blue (92%)



- Red (77%)
- Yellow (73%)
- Blue (92%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5088, 0.2864, 0.2723 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 52.5088, 0.2864, 0.2723 by changing the saturation by 10% instead.

■ 52.5088, 0.2864,
0.2723

■ 52.5088, 0.2864,
0.2723

■ 396.3977, 0.2995,
0.2991

■ 37.4108, 0.2832,
0.2661

■ 93.8812, 0.2911,
0.2817

■ 25.5257, 0.2791,
0.2583

■ 120.9243, 0.2929,
0.2853

■ 16.4692, 0.2738,
0.2485

■ 152.7180, 0.2944,
0.2884

■ 9.8567, 0.2666,
0.2355

■ 189.6466, 0.2957,
0.2911

■ 5.3041, 0.2562,
0.2177

■ 232.0944, 0.2968,
0.2935

■ 2.4268, 0.2401,
0.1921

■ 280.4460, 0.2978,

■ 0.8396, 0.2130,

0.2956

0.1526

335.0856, 0.2987,
0.2974

0.0000, 0.0585,
0.0000

0.0000, 0.0000,
0.0000

52.5088, 0.2864,
0.2723

52.5088, 0.2864,
0.2723

41.2623, 0.2711,
0.2413

65.6515, 0.2999,
0.3009

31.8170, 0.2543,
0.2085

80.7665, 0.3117,
0.3267

24.0796, 0.2363,
0.1753

97.7950, 0.3218,
0.3494

17.9455, 0.2180,
0.1434

98.7230, 0.3250,
0.3493

■ 13.2982, 0.2003,
0.1149

■ 10.0052, 0.1845,
0.0919

■ 7.9094, 0.1716,
0.0759

■ 6.8182, 0.1628,
0.0670

Harmonies

Analogous

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



52.5088, 0.2594, 0.2718



52.5088, 0.2864, 0.2723



52.5088, 0.3220, 0.2860

Triad

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



52.5088, 0.2864, 0.2723



52.5088, 0.3834, 0.3670



52.5088, 0.2692, 0.3480

Complementary

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



52.5088, 0.2864, 0.2723



77.9124, 0.3357, 0.3827

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.



52.5088, 0.3006, 0.3784



52.5088, 0.2864, 0.2723



52.5088, 0.3670, 0.3878

Square

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



52.5088, 0.2864, 0.2723



52.5088, 0.3797, 0.3386



52.5088, 0.3364, 0.3931



52.5088, 0.2499, 0.3133

Rectangle

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



52.5088, 0.2864, 0.2723



52.5088, 0.3459, 0.3009



52.5088, 0.3364, 0.3931



52.5088, 0.2786, 0.3592

Sweetspot

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



52.5110, 0.2864, 0.2723



88.4964, 0.3059, 0.3140



68.8199, 0.2806, 0.3158



18.6854, 0.3052, 0.3123



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.



52.5110, 0.2864, 0.2723



57.8310, 0.2802, 0.2596



56.0094, 0.3048, 0.2753



14.7266, 0.3018, 0.3049



3.8789, 0.1640, 0.0677



0.3483, 0.1777, 0.0752

Inverse Universe

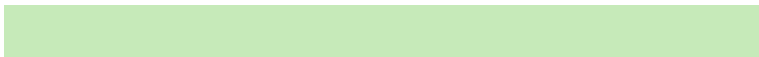
The Inverse Universe completely reimagines the original color for something new.



57.4766, 0.3244, 0.2891



64.8879, 0.3272, 0.2809



74.3898, 0.3188, 0.3856



15.2472, 0.3175, 0.3114



11.6306, 0.3941, 0.1945



0.9283, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 52.5088, 0.2864, 0.2723 looks on a white background.

Color Contrast Check

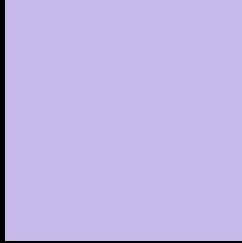
Large Text (above 18pt) WCAG AA × Fail

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 52.5088, 0.2864, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

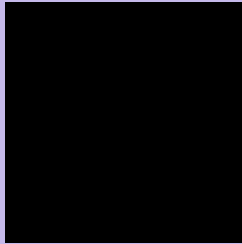
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5088, 0.2864, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 52.5088, 0.2864, 0.2723.



This preview shows how white text looks on a background with the Yxy color 52.5088, 0.2864, 0.2723.

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

52.5088, 0.2864, 0.2723

Protanopia

52.6446, 0.2726, 0.2732

Deuteranopia

52.7258, 0.2807, 0.2750



Tritanopia

52.4412, 0.3032, 0.3107

Trichromacy



Original Color

52.5088, 0.2864, 0.2723

Protanomaly

52.4617, 0.2773, 0.2725

Deuteranomaly

52.6876, 0.2828, 0.2741

Tritanomaly

52.3936, 0.2968, 0.2955

Monochromacy



Original Color

52.5088, 0.2864, 0.2723

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4672, 0.3026, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5088, 0.2864, 0.2723 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(197, 185, 234)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 234)  
}
```

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(197, 185, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 234) }
```

Border

The CSS property to change the border of an element to Yxy 52.5088, 0.2864, 0.2723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

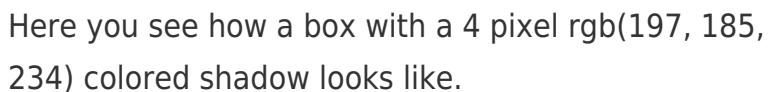
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 234) }
```

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

```
.border{ border-color:rgb(197, 185, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 185, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 234);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5088, 0.2864, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 234) }
```

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

```
.background{ background-color: rgb(197,  
185, 234) }
```

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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