

Converting Colors

Yxy(54.4818, 0.2813, 0.2696)

Have a look what the booklet for
Yxy(54.4818, 0.2813, 0.2696)
contains.

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Color

Yxy(54.4818, 0.2813, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	C4BDF1
RGB	196, 189, 241
RGB Percent	77%, 74%, 95%
CMY	0.2313, 0.2588, 0.0548
CMYK	0.19, 0.22, 0.00, 0.05
HSL	248°, 65%, 84%
HSV	248°, 22%, 95%
XYZ	56.8462, 54.4818, 90.7558
YIQ	197.0210, -12.5200, 17.6560

Conversions

Conversions Part 2

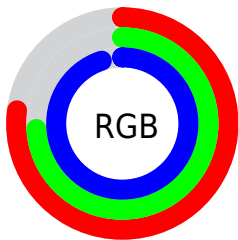
Format	Color
R _Y B	196, 189, 241
Decimal	12893681
CIE Lab	78.74, 12.90, -24.87
CIE LCh	79, 28.018, 297.408
Yxy	54.4818, 0.2813, 0.2696
Android (android.graphics.Color)	4291083761 (0xFFC4BDF1)
YUV	197.0210, 21.6816, -0.8954
Hunter-Lab	73.8118, 8.3012, -21.2322

Details

The Yxy color **54.4818, 0.2813, 0.2696** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0894, 0.3404, 0.3838**, and the grayscale version is **55.7238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4075, 0.3119, 0.3194**, and **26.8619, 0.2731, 0.2555** is the 20% darker color. If you saturate the color by 10%, you get **42.3581, 0.2638, 0.2375**, and if you desaturate by 10%, it is **68.7213, 0.2970, 0.2989**.

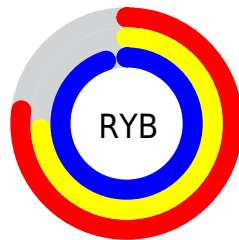
Distribution



Red (77%)

Green (74%)

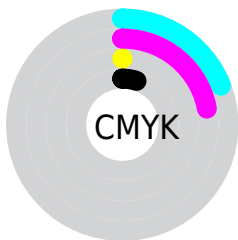
Blue (95%)



Red (77%)

Yellow (74%)

Blue (95%)

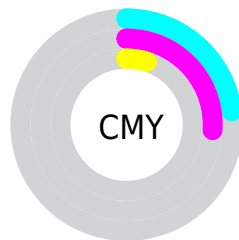


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4818, 0.2813, 0.2696 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 54.4818, 0.2813, 0.2696 by changing the saturation by 10% instead.

■ 54.4818, 0.2813,
0.2696

■ 54.4818, 0.2813,
0.2696

403.9446, 0.2967,
0.2975

■ 38.9870, 0.2776,
0.2632

■ 96.7813, 0.2868,
0.2793

■ 26.7496, 0.2729,
0.2552

124.3548, 0.2889,
0.2831

■ 17.3853, 0.2668,
0.2451

156.7233, 0.2907,
0.2863

■ 10.5096, 0.2586,
0.2319

194.2711, 0.2922,
0.2891

■ 5.7381, 0.2470,
0.2140

237.3828, 0.2936,
0.2916

■ 2.6865, 0.2296,
0.1885

286.4427, 0.2947,

■ 0.9703, 0.2010,

0.2938

0.1502

341.8352, 0.2958,
0.2957

0.0000, 0.0954,
0.0000

0.0000, 0.0000,
0.0000

54.4818, 0.2813,
0.2696

54.4818, 0.2813,
0.2696

42.3581, 0.2638,
0.2375

68.7213, 0.2970,
0.2989

32.2426, 0.2447,
0.2035

85.1641, 0.3107,
0.3251

24.0282, 0.2248,
0.1690

99.1322, 0.3208,
0.3424

17.5951, 0.2050,
0.1360

■ 12.8097, 0.1869,
0.1070

■ 9.5196, 0.1716,
0.0843

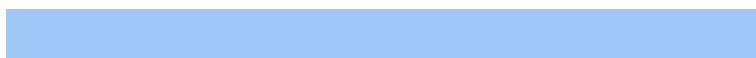
■ 7.5430, 0.1605,
0.0693

■ 6.6683, 0.1544,
0.0624

Harmonies

Analogous

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



54.4818, 0.2551, 0.2709



54.4818, 0.2813, 0.2696



54.4818, 0.3174, 0.2821

Triad

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



54.4818, 0.2813, 0.2696



54.4818, 0.3866, 0.3648



54.4818, 0.2712, 0.3531

Complementary

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



54.4818, 0.2813, 0.2696



84.0894, 0.3404, 0.3838

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.



54.4818, 0.3047, 0.3833



54.4818, 0.2813, 0.2696



54.4818, 0.3720, 0.3878

Square

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



54.4818, 0.2813, 0.2696



54.4818, 0.3801, 0.3349



54.4818, 0.3417, 0.3958



54.4818, 0.2495, 0.3170

Rectangle

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



54.4818, 0.2813, 0.2696



54.4818, 0.3426, 0.2967



54.4818, 0.3417, 0.3958



54.4818, 0.2814, 0.3645

Sweetspot

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



54.4840, 0.2813, 0.2696



88.1997, 0.3049, 0.3139



76.0648, 0.2800, 0.3212



18.6155, 0.3040, 0.3122



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.



54.4840, 0.2813, 0.2696



55.4453, 0.2736, 0.2555



58.2663, 0.3006, 0.2728



15.3311, 0.3000, 0.3047



3.6481, 0.1552, 0.0629



0.3354, 0.1648, 0.0681

Inverse Universe

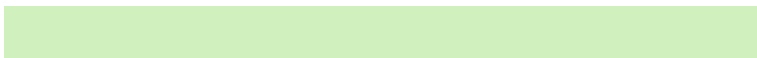
The Inverse Universe completely reimagines the original color for something new.



61.0380, 0.3205, 0.2821



64.1828, 0.3224, 0.2722



80.0182, 0.3225, 0.3870



15.9925, 0.3159, 0.3088



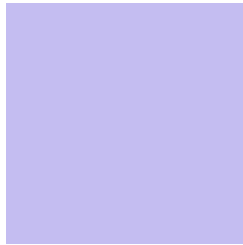
12.6373, 0.3582, 0.1747



1.0614, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 54.4818, 0.2813, 0.2696 looks on a white background.

Color Contrast Check

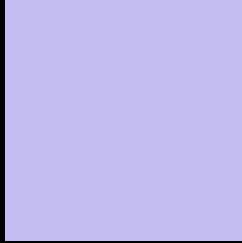
Large Text (above 18pt) WCAG AA × Fail

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 54.4818, 0.2813, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

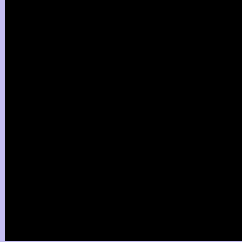
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4818, 0.2813, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 54.4818, 0.2813, 0.2696.



This preview shows how white text looks on a background with the Yxy color 54.4818, 0.2813, 0.2696.

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

54.4818, 0.2813, 0.2696

Protanopia

54.7389, 0.2707, 0.2697

Deuteranopia

54.5596, 0.2772, 0.2713



Tritanopia

54.6305, 0.2980, 0.3108

Trichromacy



Original Color

54.4818, 0.2813, 0.2696

Protanomaly

54.8617, 0.2746, 0.2702

Deuteranomaly

54.3843, 0.2785, 0.2703

Tritanomaly

54.5669, 0.2919, 0.2957

Monochromacy



Original Color

54.4818, 0.2813, 0.2696

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2580, 0.3013, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4818, 0.2813, 0.2696 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, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 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(196, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 241) }
```

Border

The CSS property to change the border of an element to Yxy 54.4818, 0.2813, 0.2696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

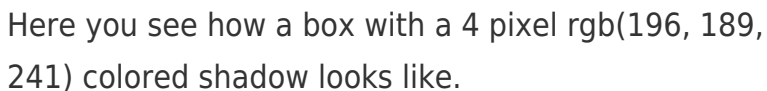
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 189, 241) }
```

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

```
.border{ border-color:rgb(196, 189, 241) }
```

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



Here you see how a box with a 4 pixel rgb(196, 189, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4818, 0.2813, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 241) }
```

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

```
.background{ background-color: rgb(196,  
189, 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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