

Converting Colors

Yxy(53.9458, 0.2818, 0.2488)

Have a look what the booklet for
Yxy(53.9458, 0.2818, 0.2488)
contains.

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Color

Yxy(53.9694, 0.2819, 0.2488)

Conversions

Conversions Part 1

Format	Color
Hex	D2B5FF
RGB	210, 181, 255
RGB Percent	82%, 71%, 100%
CMY	0.1765, 0.2902, 0.0000
CMYK	0.18, 0.29, 0.00, 0.00
HSL	264°, 100%, 85%
HSV	264°, 29%, 100%
XYZ	61.1494, 53.9694, 101.8000
YIQ	198.1070, -6.4700, 29.1620

Conversions

Conversions Part 2

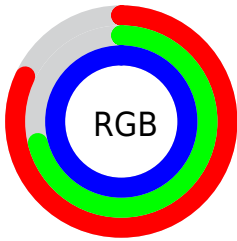
Format	Color
R _Y B	210, 181, 255
Decimal	13809151
CIE Lab	78.44, 24.55, -32.73
CIE LCh	78, 40.917, 306.876
Yxy	53.9694, 0.2819, 0.2488
Android (android.graphics.Color)	4291999231 (0xFFD2B5FF)
YUV	198.1070, 28.0482, 10.4302
Hunter-Lab	73.4639, 20.0170, -30.7343

Details

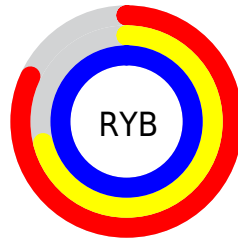
The Yxy color **53.9694, 0.2819, 0.2488** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91.0273, 0.3372, 0.4067**, and the grayscale version is **56.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.4841, 0.2738, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **42.3653, 0.2684, 0.2177**, and if you desaturate by 10%, it is **67.6964, 0.2940, 0.2785**.

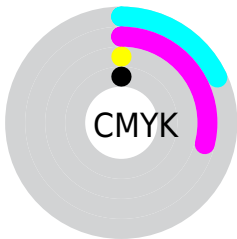
Distribution



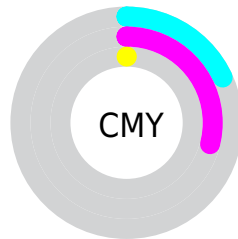
- Red (82%)
- Green (71%)
- Blue (100%)



- Red (82%)
- Yellow (71%)
- Blue (100%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9694, 0.2819, 0.2488 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 53.9694, 0.2819, 0.2488 by changing the saturation by 10% instead.


 53.9694, 0.2819,
0.2488

 53.9694, 0.2819,
0.2488

401.9933, 0.2973,
0.2855

 38.5772, 0.2781,
0.2406


 96.0293, 0.2875,
0.2614

 26.4310, 0.2733,
0.2305


123.4658, 0.2896,
0.2664

 17.1463, 0.2671,
0.2180


155.6859, 0.2914,
0.2707

 10.3389, 0.2587,
0.2019

193.0739, 0.2929,
0.2744

 5.6242, 0.2468,
0.1808

236.0142, 0.2942,
0.2777

 2.6180, 0.2290,
0.1523

284.8913, 0.2954,

 0.9357, 0.2005,

0.2806

0.1125

340.0896, 0.2964,
0.2832

0.0000, 0.1432,
0.0000

0.0000, 0.0000,
0.0000

53.9694, 0.2819,
0.2488

53.9694, 0.2819,
0.2488

42.3653, 0.2684,
0.2177

67.6964, 0.2940,
0.2785

32.7675, 0.2536,
0.1862

83.6413, 0.3045,
0.3062

25.0582, 0.2380,
0.1559

99.9999, 0.3127,
0.3290

19.1040, 0.2222,
0.1285

■ 14.7533, 0.2072,
0.1057

■ 11.8273, 0.1937,
0.0888

■ 10.0648, 0.1823,
0.0781

■ 9.9226, 0.1813,
0.0772

Harmonies

Analogous

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



53.9694, 0.2398, 0.2434



53.9694, 0.2819, 0.2488



53.9694, 0.3364, 0.2715

Triad

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



53.9694, 0.2819, 0.2488



53.9694, 0.4166, 0.3902



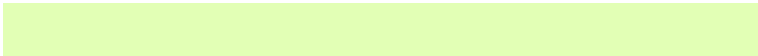
53.9694, 0.2405, 0.3468

Complementary

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



53.9694, 0.2819, 0.2488



91.0273, 0.3372, 0.4067

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.



53.9694, 0.2833, 0.3988



53.9694, 0.2819, 0.2488



53.9694, 0.3856, 0.4207

Square

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



53.9694, 0.2819, 0.2488



53.9694, 0.4183, 0.3490



53.9694, 0.3365, 0.4266



53.9694, 0.2175, 0.2942

Rectangle

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



53.9694, 0.2819, 0.2488



53.9694, 0.3724, 0.2941



53.9694, 0.3365, 0.4266



53.9694, 0.2529, 0.3654

Sweetspot

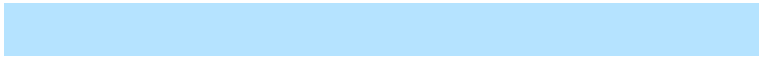
The Sweet Spot groups the original color and five complimentary colors.



53.9716, 0.2819, 0.2488



83.6691, 0.3045, 0.3062



71.7840, 0.2672, 0.2975



17.3816, 0.3031, 0.3023



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.



53.9716, 0.2819, 0.2488



46.7789, 0.2740, 0.2303



59.9305, 0.3094, 0.2550



17.7247, 0.3040, 0.3049



5.2649, 0.1829, 0.0781



0.5736, 0.1954, 0.0850

Inverse Universe

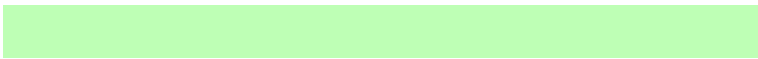
The Inverse Universe completely reimagines the original color for something new.



59.8031, 0.3388, 0.2834



53.6111, 0.3459, 0.2737



85.7568, 0.3139, 0.4126



18.1728, 0.3198, 0.3146



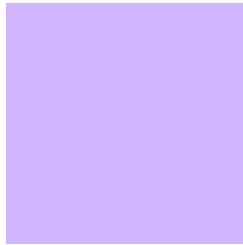
12.3776, 0.4510, 0.2258



1.2266, 0.4321, 0.2154

Previews

White Background



This preview shows how the Yxy color 53.9694, 0.2819, 0.2488 looks on a white background.

Color Contrast Check

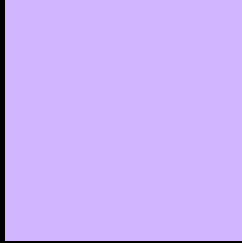
Large Text (above 18pt) WCAG AA × Fail

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 53.9694, 0.2819, 0.2488 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 53.9694, 0.2819, 0.2488

Background



This preview shows how black text looks on a background with the Yxy color 53.9694, 0.2819, 0.2488.

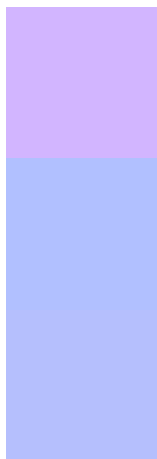


This preview shows how white text looks on a background with the Yxy color 53.9694, 0.2819, 0.2488.

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

53.9694, 0.2819, 0.2488

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.1772, 0.2638, 0.2579



Tritanopia

53.7912, 0.3111, 0.3111

Trichromacy



Original Color

53.9694, 0.2819, 0.2488

Protanomaly

54.0053, 0.2676, 0.2535

Deuteranomaly

53.9029, 0.2702, 0.2537

Tritanomaly

53.8475, 0.3003, 0.2874

Monochromacy



Original Color

53.9694, 0.2819, 0.2488

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3703, 0.3008, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9694, 0.2819, 0.2488 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(210, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 181, 255)  
}
```

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(210, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.9694, 0.2819, 0.2488 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(210, 181, 255) }
```

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

```
.border{ border-color:rgb(210, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9694, 0.2819, 0.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 181, 255) }
```

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

```
.background{ background-color: rgb(210,  
181, 255) }
```

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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