

Converting Colors

Yxy(54.6892, 0.2793, 0.2530)

Have a look what the booklet for
Yxy(54.6892, 0.2793, 0.2530)
contains.

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Color

Yxy(54.8328, 0.2792, 0.2534)

Conversions

Conversions Part 1

Format	Color
Hex	CDB9FE
RGB	205, 185, 254
RGB Percent	80%, 73%, 100%
CMY	0.1960, 0.2745, 0.0040
CMYK	0.19, 0.27, 0.00, 0.00
HSL	257°, 97%, 86%
HSV	257°, 27%, 100%
XYZ	60.4156, 54.8328, 101.1399
YIQ	198.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

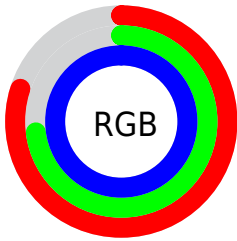
Format	Color
R _Y B	205, 185, 254
Decimal	13482494
CIE Lab	78.94, 20.66, -31.44
CIE LCh	79, 37.624, 303.308
Yxy	54.8328, 0.2792, 0.2534
Android (android.graphics.Color)	4291672574 (0xFFCDB9FE)
YUV	198.8460, 27.1909, 5.3971
Hunter-Lab	74.0492, 16.0494, -29.1467

Details

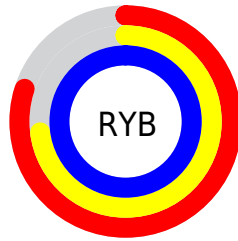
The Yxy color **54.8328, 0.2792, 0.2534** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.8515, 0.3404, 0.4003**, and the grayscale version is **56.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.0178, 0.2703, 0.2363** is the 20% darker color. If you saturate the color by 10%, you get **42.7234, 0.2638, 0.2215**, and if you desaturate by 10%, it is **69.1398, 0.2930, 0.2834**.

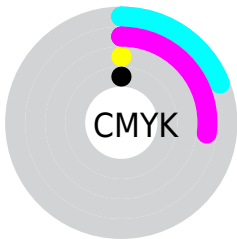
Distribution



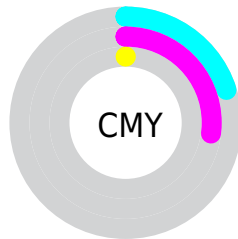
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8328, 0.2792, 0.2534 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 54.8328, 0.2792, 0.2534 by changing the saturation by 10% instead.

 54.8328, 0.2792,
0.2534

 54.8328, 0.2792,
0.2534

405.2778, 0.2958,
0.2882

 39.2679, 0.2752,
0.2456


 97.2959, 0.2851,
0.2654

 26.9682, 0.2701,
0.2360


124.9629, 0.2874,
0.2701

 17.5493, 0.2636,
0.2240


157.4328, 0.2893,
0.2741

 10.6269, 0.2548,
0.2086

195.0898, 0.2910,
0.2777

 5.8166, 0.2425,
0.1882

238.3184, 0.2924,
0.2808

 2.7339, 0.2241,
0.1604

287.5030, 0.2937,

 0.9944, 0.1950,

0.2835

0.1211

343.0280, 0.2948,
0.2860

■ 0.0000, 0.1337,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8328, 0.2792,
0.2534

■ 54.8328, 0.2792,
0.2534

■ 42.7234, 0.2638,
0.2215

■ 69.1398, 0.2930,
0.2834

■ 32.6938, 0.2470,
0.1887

■ 85.7407, 0.3051,
0.3110

■ 24.6254, 0.2294,
0.1565

99.9339, 0.3133,
0.3300

■ 18.3845, 0.2119,
0.1270

■ 13.8199, 0.1956,
0.1022

■ 10.7553, 0.1813,
0.0836

■ 8.9667, 0.1701,
0.0720

■ 8.5990, 0.1674,
0.0696

Harmonies

Analogous

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



54.8328, 0.2421, 0.2507



54.8328, 0.2792, 0.2534



54.8328, 0.3285, 0.2727

Triad

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



54.8328, 0.2792, 0.2534



54.8328, 0.4097, 0.3817



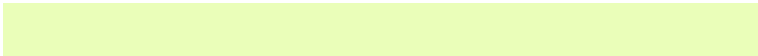
54.8328, 0.2503, 0.3515

Complementary

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



54.8328, 0.2792, 0.2534



91.8515, 0.3404, 0.4003

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.



54.8328, 0.2916, 0.3968



54.8328, 0.2792, 0.2534



54.8328, 0.3844, 0.4109

Square

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



54.8328, 0.2792, 0.2534



54.8328, 0.4074, 0.3433



54.8328, 0.3407, 0.4188



54.8328, 0.2264, 0.3027

Rectangle

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



54.8328, 0.2792, 0.2534



54.8328, 0.3618, 0.2929



54.8328, 0.3407, 0.4188



54.8328, 0.2625, 0.3681

Sweetspot

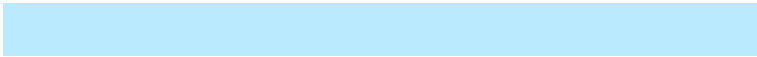
The Sweet Spot groups the original color and five complimentary colors.



54.8350, 0.2792, 0.2534



85.0247, 0.3041, 0.3087



76.5588, 0.2709, 0.3075



17.6331, 0.3024, 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.



54.8350, 0.2792, 0.2534



47.9285, 0.2703, 0.2349



60.2080, 0.3045, 0.2588



17.6331, 0.3024, 0.3047



4.5996, 0.1688, 0.0704



0.5009, 0.1804, 0.0767

Inverse Universe

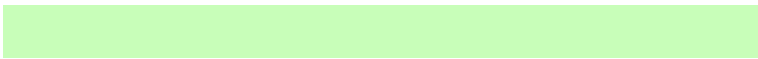
The Inverse Universe completely reimagines the original color for something new.



61.7015, 0.3311, 0.2797



56.0745, 0.3362, 0.2688



86.6396, 0.3182, 0.4055



18.2052, 0.3183, 0.3123



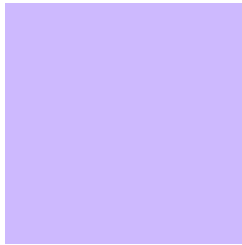
12.8787, 0.4112, 0.2039



1.2730, 0.3984, 0.1969

Previews

White Background



This preview shows how the Yxy color 54.8328, 0.2792, 0.2534 looks on a white background.

Color Contrast Check

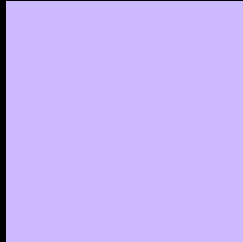
Large Text (above 18pt) WCAG AA × Fail

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 54.8328, 0.2792, 0.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

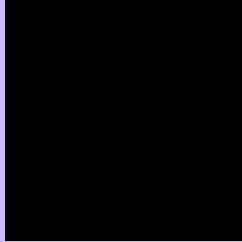
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8328, 0.2792, 0.2534

Background



This preview shows how black text looks on a background with the Yxy color 54.8328, 0.2792, 0.2534.

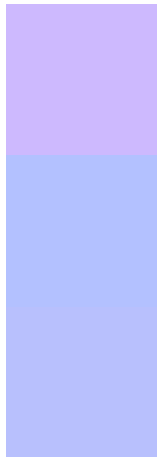


This preview shows how white text looks on a background with the Yxy color 54.8328, 0.2792, 0.2534.

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

54.8328, 0.2792, 0.2534

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

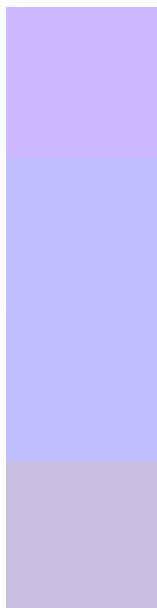
54.9815, 0.2659, 0.2595



Tritanopia

55.0573, 0.3041, 0.3111

Trichromacy



Original Color

54.8328, 0.2792, 0.2534

Protanomaly

54.7383, 0.2672, 0.2557

Deuteranomaly

54.6935, 0.2710, 0.2570

Tritanomaly

54.9772, 0.2951, 0.2895

Monochromacy



Original Color

54.8328, 0.2792, 0.2534

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1156, 0.3001, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8328, 0.2792, 0.2534 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(205, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 254)  
}
```

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(205, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 254) }
```

Border

The CSS property to change the border of an element to Yxy 54.8328, 0.2792, 0.2534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

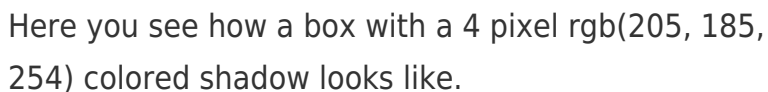
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 185, 254) }
```

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

```
.border{ border-color:rgb(205, 185, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8328, 0.2792, 0.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 254) }
```

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

```
.background{ background-color: rgb(205,  
185, 254) }
```

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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