

Converting Colors

Yxy(54.9178, 0.2777, 0.2528)

Have a look what the booklet for
Yxy(54.9178, 0.2777, 0.2528)
contains.

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Color

Yxy(54.7553, 0.2778, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	CCB9FF
RGB	204, 185, 255
RGB Percent	80%, 73%, 100%
CMY	0.2002, 0.2744, 0.0001
CMYK	0.20, 0.27, 0.00, 0.00
HSL	256°, 100%, 86%
HSV	256°, 27%, 100%
XYZ	60.2894, 54.7553, 101.9798
YIQ	198.6610, -11.1460, 25.7980

Conversions

Conversions Part 2

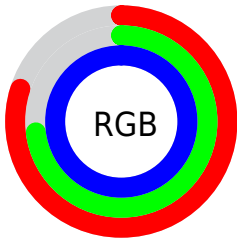
Format	Color
R _Y B	204, 185, 255
Decimal	13416959
CIE Lab	78.90, 20.55, -32.06
CIE LCh	79, 38.083, 302.665
Yxy	54.7553, 0.2778, 0.2523
Android (android.graphics.Color)	4291607039 (0xFFCCB9FF)
YUV	198.6610, 27.7751, 4.6823
Hunter-Lab	73.9968, 15.9397, -29.9136

Details

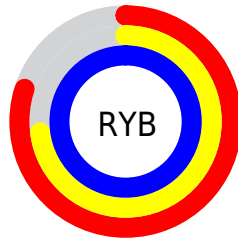
The Yxy color **54.7553, 0.2778, 0.2523** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.8495, 0.3416, 0.4009**, and the grayscale version is **56.7264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.9693, 0.2686, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **42.5554, 0.2619, 0.2201**, and if you desaturate by 10%, it is **69.1863, 0.2921, 0.2825**.

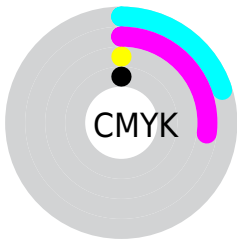
Distribution



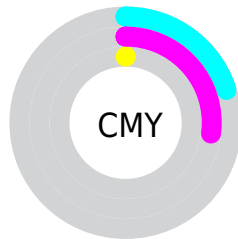
- Red (80%)
- Green (73%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7553, 0.2778, 0.2523 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 54.7553, 0.2778, 0.2523 by changing the saturation by 10% instead.


 54.7553, 0.2778,
0.2523

 54.7553, 0.2778,
0.2523


404.9837, 0.2950,
0.2876

 39.2058, 0.2736,
0.2444


 97.1823, 0.2840,
0.2645

 26.9199, 0.2684,
0.2347


124.8287, 0.2863,
0.2692

 17.5131, 0.2616,
0.2225


157.2762, 0.2883,
0.2733

 10.6010, 0.2525,
0.2069

194.9091, 0.2900,
0.2769

 5.7992, 0.2398,
0.1864

238.1120, 0.2915,
0.2800

 2.7234, 0.2210,
0.1583

287.2691, 0.2928,

 0.9891, 0.1912,

0.2828

0.1189

342.7648, 0.2940,
0.2853

0.0000, 0.1284,
0.0000

0.0000, 0.0000,
0.0000

54.7553, 0.2778,
0.2523

54.7553, 0.2778,
0.2523

42.5554, 0.2619,
0.2201

69.1863, 0.2921,
0.2825

32.4666, 0.2447,
0.1871

85.9469, 0.3045,
0.3102

24.3679, 0.2267,
0.1547

99.9986, 0.3127,
0.3290

18.1226, 0.2090,
0.1251

■ 13.5765, 0.1925,
0.1002

■ 10.5491, 0.1785,
0.0818

■ 8.8083, 0.1675,
0.0705

■ 8.4849, 0.1652,
0.0684

Harmonies

Analogous

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



54.7553, 0.2406, 0.2499



54.7553, 0.2778, 0.2523



54.7553, 0.3275, 0.2715

Triad

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



54.7553, 0.2778, 0.2523



54.7553, 0.4111, 0.3815



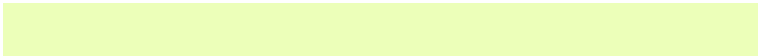
54.7553, 0.2503, 0.3529

Complementary

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



54.7553, 0.2778, 0.2523



92.8495, 0.3416, 0.4009

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.



54.7553, 0.2924, 0.3985



54.7553, 0.2778, 0.2523



54.7553, 0.3860, 0.4114

Square

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



54.7553, 0.2778, 0.2523



54.7553, 0.4082, 0.3425



54.7553, 0.3421, 0.4201



54.7553, 0.2257, 0.3033

Rectangle

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



54.7553, 0.2778, 0.2523



54.7553, 0.3614, 0.2917



54.7553, 0.3421, 0.4201



54.7553, 0.2627, 0.3696

Sweetspot

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



54.7575, 0.2778, 0.2523



84.9546, 0.3039, 0.3087



77.7129, 0.2706, 0.3086



17.6156, 0.3021, 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.



54.7575, 0.2778, 0.2523



47.7099, 0.2691, 0.2346



60.2164, 0.3035, 0.2578



17.6156, 0.3021, 0.3047



4.4968, 0.1665, 0.0691



0.4889, 0.1778, 0.0753

Inverse Universe

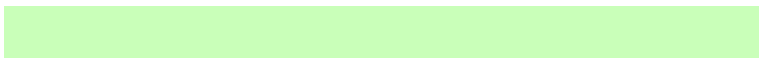
The Inverse Universe completely reimagines the original color for something new.



62.0213, 0.3303, 0.2778



56.1678, 0.3348, 0.2672



87.4753, 0.3190, 0.4062



18.2115, 0.3180, 0.3118



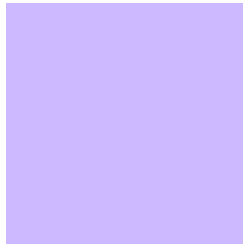
12.9867, 0.4040, 0.1999



1.2828, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 54.7553, 0.2778, 0.2523 looks on a white background.

Color Contrast Check

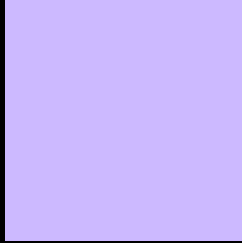
Large Text (above 18pt) WCAG AA × Fail

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 54.7553, 0.2778, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

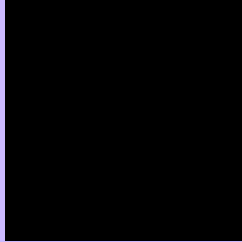
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7553, 0.2778, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 54.7553, 0.2778, 0.2523.

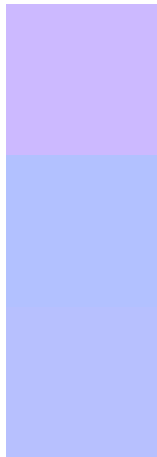


This preview shows how white text looks on a background with the Yxy color 54.7553, 0.2778, 0.2523.

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

54.7553, 0.2778, 0.2523

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.9223, 0.2647, 0.2583



Tritanopia

54.9228, 0.3033, 0.3110

Trichromacy



Original Color

54.7553, 0.2778, 0.2523

Protanomaly

54.6117, 0.2665, 0.2555

Deuteranomaly

54.6273, 0.2697, 0.2559

Tritanomaly

54.8947, 0.2936, 0.2883

Monochromacy



Original Color

54.7553, 0.2778, 0.2523

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 54.7553, 0.2778, 0.2523 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(204, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 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(204, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7553, 0.2778, 0.2523 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(204, 185, 255) }
```

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

```
.border{ border-color:rgb(204, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7553, 0.2778, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 255) }
```

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

```
.background{ background-color: rgb(204,  
185, 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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