

Converting Colors

$Y_{xy}(53.8703, 0.2854, 0.2485)$

Have a look what the booklet for
Yxy(53.8703, 0.2854, 0.2485)
contains.

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Color

Yxy(53.6921, 0.2854, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	D6B3FE
RGB	214, 179, 254
RGB Percent	84%, 70%, 100%
CMY	0.1609, 0.2980, 0.0038
CMYK	0.16, 0.30, 0.00, 0.00
HSL	268°, 97%, 85%
HSV	268°, 30%, 100%
XYZ	61.7394, 53.6921, 100.8944
YIQ	198.0150, -3.2150, 30.7450

Conversions

Conversions Part 2

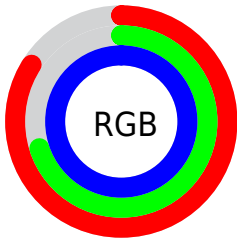
Format	Color
R _Y B	214, 179, 254
Decimal	14070782
CIE Lab	78.28, 26.64, -32.43
CIE LCh	78, 41.966, 309.398
Yxy	53.6921, 0.2854, 0.2482
Android (android.graphics.Color)	4292260862 (0xFFD6B3FE)
YUV	198.0150, 27.6006, 14.0188
Hunter-Lab	73.2749, 22.1682, -30.3458

Details

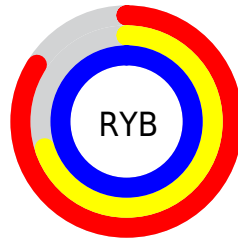
The Yxy color **53.6921, 0.2854, 0.2482** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89.2215, 0.3339, 0.4091**, and the grayscale version is **56.3129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.2220, 0.2773, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **42.4763, 0.2735, 0.2179**, and if you desaturate by 10%, it is **66.9577, 0.2960, 0.2774**.

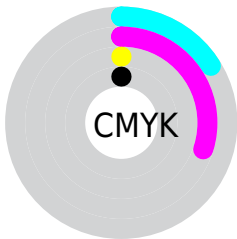
Distribution



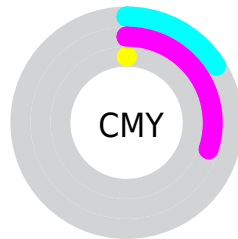
- Red (84%)
- Green (70%)
- Blue (100%)



- Red (84%)
- Yellow (70%)
- Blue (100%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6921, 0.2854, 0.2482 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 53.6921, 0.2854, 0.2482 by changing the saturation by 10% instead.


 53.6921, 0.2854,
0.2482

 53.6921, 0.2854,
0.2482


400.9348, 0.2992,
0.2852

 38.3556, 0.2820,
0.2399


 95.6220, 0.2904,
0.2609

 26.2588, 0.2776,
0.2298


122.9842, 0.2923,
0.2659

 17.0173, 0.2719,
0.2172


155.1237, 0.2939,
0.2702

 10.2468, 0.2642,
0.2011

192.4249, 0.2953,
0.2739

 5.5629, 0.2532,
0.1800

235.2722, 0.2965,
0.2772

 2.5812, 0.2365,
0.1514

284.0500, 0.2975,

 0.9172, 0.2094,

0.2802

0.1116

339.1428, 0.2984,
0.2828

0.0000, 0.1566,
0.0000

0.0000, 0.0000,
0.0000

53.6921, 0.2854,
0.2482

53.6921, 0.2854,
0.2482

42.4763, 0.2735,
0.2179

66.9577, 0.2960,
0.2774

33.1964, 0.2604,
0.1875

82.3655, 0.3052,
0.3049

25.7372, 0.2464,
0.1585

99.8728, 0.3131,
0.3299

19.9683, 0.2323,
0.1324

99.9373, 0.3133,
0.3299

■ 15.7409, 0.2185,
0.1109

■ 12.8788, 0.2057,
0.0950

■ 11.1097, 0.1945,
0.0847

■ 11.0389, 0.1940,
0.0842

Harmonies

Analogous

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



53.6921, 0.2408, 0.2410



53.6921, 0.2854, 0.2482



53.6921, 0.3419, 0.2727

Triad

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



53.6921, 0.2854, 0.2482



53.6921, 0.4177, 0.3948



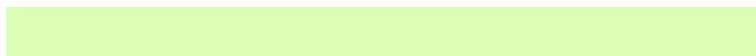
53.6921, 0.2357, 0.3424

Complementary

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



53.6921, 0.2854, 0.2482



89.2215, 0.3339, 0.4091

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.



53.6921, 0.2782, 0.3970



53.6921, 0.2854, 0.2482



53.6921, 0.3837, 0.4248

Square

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



53.6921, 0.2854, 0.2482



53.6921, 0.4224, 0.3530



53.6921, 0.3323, 0.4284



53.6921, 0.2142, 0.2893

Rectangle

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



53.6921, 0.2854, 0.2482



53.6921, 0.3783, 0.2964



53.6921, 0.3323, 0.4284



53.6921, 0.2478, 0.3616

Sweetspot

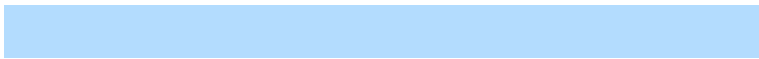
The Sweet Spot groups the original color and five complimentary colors.



53.6943, 0.2854, 0.2482



83.9715, 0.3056, 0.3063



68.0686, 0.2657, 0.2911



17.4559, 0.3044, 0.3024



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.



53.6943, 0.2854, 0.2482



47.7189, 0.2790, 0.2317



59.7754, 0.3132, 0.2546



17.7928, 0.3052, 0.3050



5.9045, 0.1957, 0.0852



0.6392, 0.2081, 0.0920

Inverse Universe

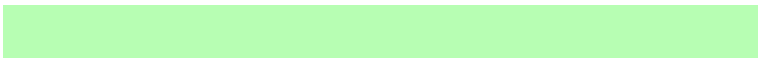
The Inverse Universe completely reimagines the original color for something new.



58.4361, 0.3440, 0.2880



53.2656, 0.3518, 0.2802



84.1914, 0.3109, 0.4151



18.1492, 0.3210, 0.3164



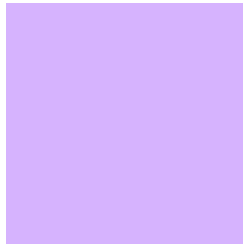
12.0698, 0.4821, 0.2429



1.1973, 0.4586, 0.2300

Previews

White Background



This preview shows how the Yxy color 53.6921, 0.2854, 0.2482 looks on a white background.

Color Contrast Check

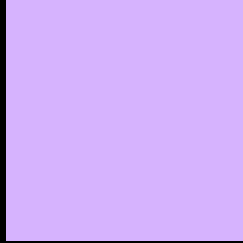
Large Text (above 18pt) WCAG AA × Fail

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 53.6921, 0.2854, 0.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

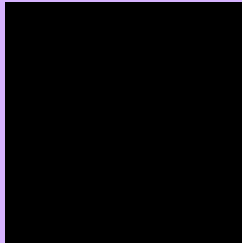
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6921, 0.2854, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 53.6921, 0.2854, 0.2482.



This preview shows how white text looks on a background with the Yxy color 53.6921, 0.2854, 0.2482.

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

53.6921, 0.2854, 0.2482

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.6789, 0.2643, 0.2577



Tritanopia

53.8766, 0.3152, 0.3113

Trichromacy



Original Color

53.6921, 0.2854, 0.2482



Protanomaly

53.7078, 0.2682, 0.2525



Deuteranomaly

53.5471, 0.2714, 0.2537

Tritanomaly

53.5272, 0.3042, 0.2865

Monochromacy



Original Color

53.6921, 0.2854, 0.2482



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1609, 0.3031, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6921, 0.2854, 0.2482 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(214, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 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(214, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 254) }
```

Border

The CSS property to change the border of an element to Yxy 53.6921, 0.2854, 0.2482 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(214, 179, 254) }
```

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

```
.border{ border-color:rgb(214, 179, 254) }
```

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

Here you see how a box with a 4 pixel rgb(214, 179, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6921, 0.2854, 0.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 254) }
```

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

```
.background{ background-color: rgb(214,  
179, 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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