

Converting Colors

Yxy(55.4140, 0.2874, 0.2518)

Have a look what the booklet for
Yxy(55.4140, 0.2874, 0.2518)
contains.

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Color

Yxy(55.3634, 0.2878, 0.2520)

Conversions

Conversions Part 1

Format	Color
Hex	D9B6FE
RGB	217, 182, 254
RGB Percent	85%, 71%, 100%
CMY	0.1490, 0.2862, 0.0040
CMYK	0.15, 0.28, 0.00, 0.00
HSL	269°, 97%, 85%
HSV	269°, 28%, 100%
XYZ	63.2285, 55.3634, 101.1041
YIQ	200.6730, -2.2520, 29.8120

Conversions

Conversions Part 2

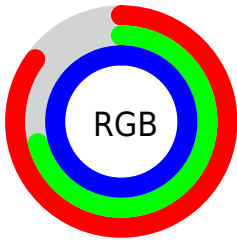
Format	Color
R _Y B	217, 182, 254
Decimal	14268158
CIE Lab	79.25, 25.92, -30.89
CIE LCh	79, 40.325, 309.992
Yxy	55.3634, 0.2878, 0.2520
Android (android.graphics.Color)	4292458238 (0xFFD9B6FE)
YUV	200.6730, 26.2902, 14.3188
Hunter-Lab	74.4066, 21.4725, -28.4790

Details

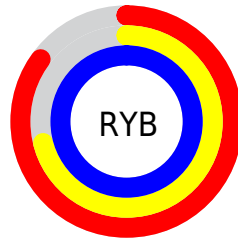
The Yxy color **55.3634, 0.2878, 0.2520** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.3102, 0.3322, 0.4059**, and the grayscale version is **58.0321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **27.3088, 0.2805, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **43.9667, 0.2765, 0.2220**, and if you desaturate by 10%, it is **68.8094, 0.2978, 0.2809**.

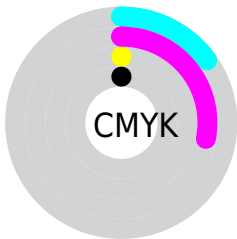
Distribution



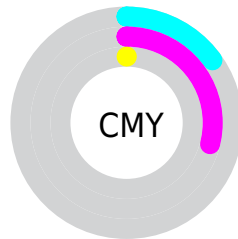
- Red (85%)
- Green (71%)
- Blue (100%)



- Red (85%)
- Yellow (71%)
- Blue (100%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3634, 0.2878, 0.2520 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 55.3634, 0.2878, 0.2520 by changing the saturation by 10% instead.


 55.3634, 0.2878,
0.2520

 55.3634, 0.2878,
0.2520

407.2880, 0.3004,
0.2872

 39.6927, 0.2847,
0.2441

 98.0732, 0.2924,
0.2641

 27.2991, 0.2807,
0.2345


125.8811, 0.2941,
0.2688

 17.7980, 0.2756,
0.2226


158.5036, 0.2955,
0.2729

 10.8050, 0.2686,
0.2073

196.3250, 0.2968,
0.2765

 5.9359, 0.2586,
0.1871

239.7298, 0.2979,
0.2796

 2.8061, 0.2435,
0.1597

289.1022, 0.2988,

 1.0314, 0.2188,

0.2824

0.1213

344.8268, 0.2996,
0.2849

0.0000, 0.1787,
0.0000

0.0000, 0.0000,
0.0000

55.3634, 0.2878,
0.2520

55.3634, 0.2878,
0.2520

43.9667, 0.2765,
0.2220

68.8094, 0.2978,
0.2809

34.5068, 0.2640,
0.1918

84.3957, 0.3065,
0.3080

26.8704, 0.2506,
0.1629

99.9346, 0.3133,
0.3300

20.9294, 0.2369,
0.1367

■ 16.5383, 0.2234,
0.1149

■ 13.5254, 0.2107,
0.0985

■ 11.6535, 0.1995,
0.0878

■ 11.3992, 0.1977,
0.0863

Harmonies

Analogous

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



55.3634, 0.2448, 0.2448



55.3634, 0.2878, 0.2520



55.3634, 0.3416, 0.2758

Triad

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



55.3634, 0.2878, 0.2520



55.3634, 0.4124, 0.3929



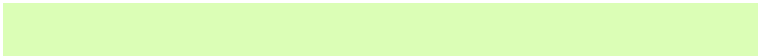
55.3634, 0.2387, 0.3408

Complementary

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



55.3634, 0.2878, 0.2520



89.3102, 0.3322, 0.4059

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.



55.3634, 0.2790, 0.3925



55.3634, 0.2878, 0.2520



55.3634, 0.3797, 0.4207

Square

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



55.3634, 0.2878, 0.2520



55.3634, 0.4172, 0.3531



55.3634, 0.3306, 0.4230



55.3634, 0.2184, 0.2906

Rectangle

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



55.3634, 0.2878, 0.2520



55.3634, 0.3760, 0.2987



55.3634, 0.3306, 0.4230



55.3634, 0.2502, 0.3590

Sweetspot

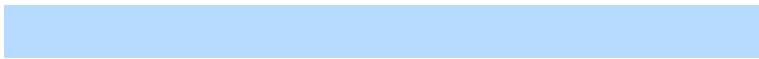
The Sweet Spot groups the original color and five complimentary colors.



55.3657, 0.2878, 0.2520



84.0526, 0.3059, 0.3063



67.8664, 0.2674, 0.2900



17.4759, 0.3047, 0.3025



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.



55.3657, 0.2878, 0.2520



49.1029, 0.2815, 0.2351



61.4568, 0.3151, 0.2580



17.8111, 0.3055, 0.3050



6.0978, 0.1994, 0.0872



0.6584, 0.2117, 0.0940

Inverse Universe

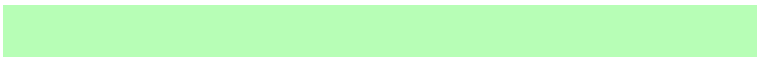
The Inverse Universe completely reimagines the original color for something new.



59.6421, 0.3436, 0.2912



54.1730, 0.3519, 0.2833



84.3434, 0.3096, 0.4114



18.1430, 0.3213, 0.3168



11.9961, 0.4905, 0.2476



1.1901, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 55.3634, 0.2878, 0.2520 looks on a white background.

Color Contrast Check

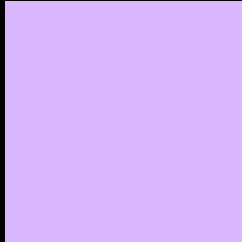
Large Text (above 18pt) WCAG AA × Fail

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 55.3634, 0.2878, 0.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

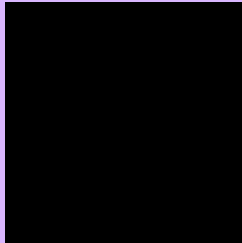
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3634, 0.2878, 0.2520

Background



This preview shows how black text looks on a background with the Yxy color 55.3634, 0.2878, 0.2520.

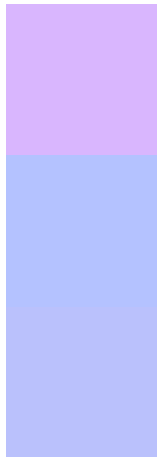


This preview shows how white text looks on a background with the Yxy color 55.3634, 0.2878, 0.2520.

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

55.3634, 0.2878, 0.2520

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.6073, 0.2679, 0.2619



Tritanopia

55.2731, 0.3160, 0.3115

Trichromacy



Original Color

55.3634, 0.2878, 0.2520

Protanomaly

55.3844, 0.2706, 0.2563

Deuteranomaly

55.3574, 0.2744, 0.2577

Tritanomaly

55.2912, 0.3058, 0.2893

Monochromacy



Original Color

55.3634, 0.2878, 0.2520

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0163, 0.3040, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3634, 0.2878, 0.2520 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(217, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 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(217, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 254) }
```

Border

The CSS property to change the border of an element to Yxy 55.3634, 0.2878, 0.2520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

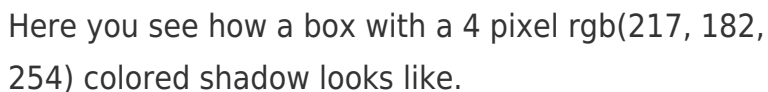
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 182, 254) }
```

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

```
.border{ border-color:rgb(217, 182, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3634, 0.2878, 0.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 254) }
```

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

```
.background{ background-color: rgb(217,  
182, 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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