

Converting Colors

Yxy(61.0449, 0.2467, 0.1948)

Have a look what the booklet for
Yxy(61.0449, 0.2467, 0.1948)
contains.

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Color

Yxy(55.4276, 0.2871, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	D9B6FF
RGB	217, 182, 255
RGB Percent	85%, 71%, 100%
CMY	0.1490, 0.2863, 0.0000
CMYK	0.15, 0.29, 0.00, 0.00
HSL	269°, 100%, 86%
HSV	269°, 29%, 100%
XYZ	63.3995, 55.4276, 102.0000
YIQ	200.7870, -2.5730, 30.1230

Conversions

Conversions Part 2

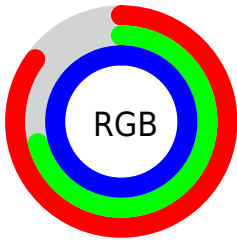
Format	Color
R_YB	217, 182, 255
Decimal	14268159
CIE _{Lab}	79.29, 26.15, -31.41
CIE _{LCh}	79, 40.868, 309.783
Yxy	55.4276, 0.2871, 0.2510
Android (android.graphics.Color)	4292458239 (0xFFD9B6FF)
YUV	200.7870, 26.7270, 14.2188
Hunter-Lab	74.4497, 21.7190, -29.1156

Details

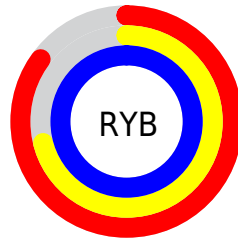
The Yxy color $55.4276, 0.2871, 0.2510$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.1114, 0.3327, 0.4067$, and the grayscale version is $58.1018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.3548, 0.2797, 0.2336$ is the 20% darker color. If you saturate the color by 10%, you get $43.9639, 0.2756, 0.2209$, and if you desaturate by 10%, it is $68.9555, 0.2973, 0.2801$.

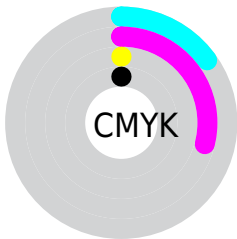
Distribution



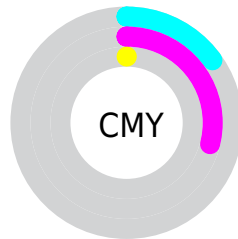
- Red (85%)
- Green (71%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4276, 0.2871, 0.2510 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 55.4276, 0.2871, 0.2510 by changing the saturation by 10% instead.

■ 55.4276, 0.2871,
0.2510

■ 55.4276, 0.2871,
0.2510

407.5308, 0.3000,
0.2866

■ 39.7442, 0.2839,
0.2431

■ 98.1672, 0.2918,
0.2632

■ 27.3391, 0.2799,
0.2334

125.9921, 0.2935,
0.2680

■ 17.8281, 0.2746,
0.2213

158.6330, 0.2950,
0.2721

■ 10.8266, 0.2674,
0.2059

196.4743, 0.2963,
0.2758

■ 5.9504, 0.2572,
0.1856

239.9003, 0.2974,
0.2789

■ 2.8149, 0.2419,
0.1581

289.2954, 0.2984,

■ 1.0359, 0.2168,

0.2818

0.1197

345.0441, 0.2993,
0.2843

0.0000, 0.1768,
0.0000

0.0000, 0.0000,
0.0000

55.4276, 0.2871,
0.2510

55.4276, 0.2871,
0.2510

43.9639, 0.2756,
0.2209

68.9555, 0.2973,
0.2801

34.4587, 0.2629,
0.1907

84.6483, 0.3061,
0.3073

26.7944, 0.2494,
0.1617

100.0000, 0.3127,
0.3290

20.8410, 0.2355,
0.1355

■ 16.4507, 0.2219,
0.1137

■ 13.4491, 0.2092,
0.0975

■ 11.5891, 0.1979,
0.0868

■ 11.3787, 0.1965,
0.0856

Harmonies

Analogous

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



55.4276, 0.2437, 0.2438



55.4276, 0.2871, 0.2510



55.4276, 0.3416, 0.2750

Triad

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



55.4276, 0.2871, 0.2510



55.4276, 0.4138, 0.3933



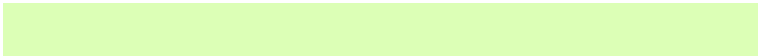
55.4276, 0.2380, 0.3413

Complementary

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



55.4276, 0.2871, 0.2510



90.1114, 0.3327, 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.



55.4276, 0.2789, 0.3937



55.4276, 0.2871, 0.2510



55.4276, 0.3808, 0.4217

Square

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



55.4276, 0.2871, 0.2510



55.4276, 0.4185, 0.3530



55.4276, 0.3311, 0.4244



55.4276, 0.2173, 0.2903

Rectangle

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



55.4276, 0.2871, 0.2510



55.4276, 0.3765, 0.2980



55.4276, 0.3311, 0.4244



55.4276, 0.2497, 0.3597

Sweetspot

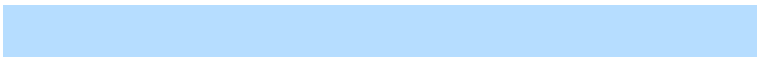
The Sweet Spot groups the original color and five complimentary colors.



55.4271, 0.2871, 0.2510



84.0260, 0.3058, 0.3063



68.8415, 0.2670, 0.2910



17.4694, 0.3046, 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.



55.4271, 0.2871, 0.2510



49.0199, 0.2811, 0.2349



61.4758, 0.3142, 0.2571



17.8051, 0.3054, 0.3050



6.0334, 0.1982, 0.0865



0.6520, 0.2106, 0.0934

Inverse Universe

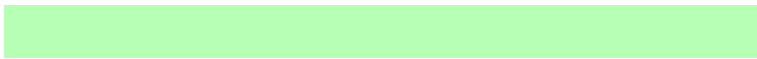
The Inverse Universe completely reimagines the original color for something new.



59.8812, 0.3436, 0.2903



54.2017, 0.3514, 0.2827



85.1408, 0.3102, 0.4123



18.1450, 0.3212, 0.3167



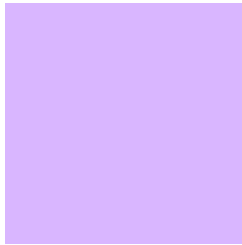
12.0199, 0.4878, 0.2461



1.1924, 0.4635, 0.2327

Previews

White Background



This preview shows how the Yxy color 55.4276, 0.2871, 0.2510 looks on a white background.

Color Contrast Check

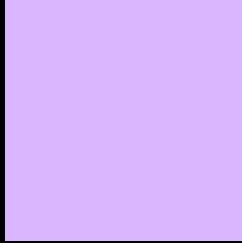
Large Text (above 18pt) WCAG AA × Fail

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 55.4276, 0.2871, 0.2510 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 55.4276, 0.2871, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 55.4276, 0.2871, 0.2510.

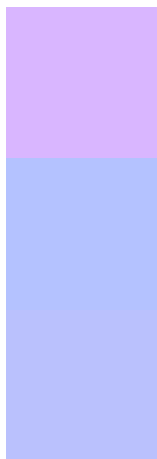


This preview shows how white text looks on a background with the Yxy color 55.4276, 0.2871, 0.2510.

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

55.4276, 0.2871, 0.2510

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.6709, 0.2674, 0.2609



Tritanopia

55.2731, 0.3160, 0.3115

Trichromacy



Original Color

55.4276, 0.2871, 0.2510

Protanomaly

55.3844, 0.2706, 0.2563

Deuteranomaly

55.4213, 0.2738, 0.2567

Tritanomaly

55.3453, 0.3051, 0.2882

Monochromacy



Original Color

55.4276, 0.2871, 0.2510

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0694, 0.3033, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4276, 0.2871, 0.2510 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 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(217, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.4276, 0.2871, 0.2510 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, 255) }
```

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

```
.border{ border-color:rgb(217, 182, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4276, 0.2871, 0.2510 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, 255) }
```

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

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