

Converting Colors

$Y_{xy}(57.4275, 0.2649, 0.2284)$

Have a look what the booklet for
Yxy(57.4275, 0.2649, 0.2284)
contains.

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Color

Yxy(55.4732, 0.2814, 0.2530)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9FF
RGB	209, 185, 255
RGB Percent	82%, 73%, 100%
CMY	0.1803, 0.2745, 0.0000
CMYK	0.18, 0.27, 0.00, 0.00
HSL	261°, 100%, 86%
HSV	261°, 27%, 100%
XYZ	61.7002, 55.4732, 102.0882
YIQ	200.1560, -8.1660, 26.8580

Conversions

Conversions Part 2

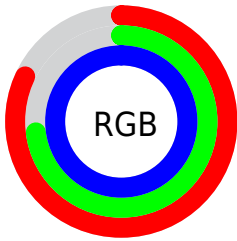
Format	Color
R _Y B	209, 185, 255
Decimal	13744639
CIE Lab	79.31, 22.10, -31.42
CIE LCh	79, 38.411, 305.124
Yxy	55.4732, 0.2814, 0.2530
Android (android.graphics.Color)	4291934719 (0xFFD1B9FF)
YUV	200.1560, 27.0381, 7.7562
Hunter-Lab	74.4803, 17.5306, -29.1310

Details

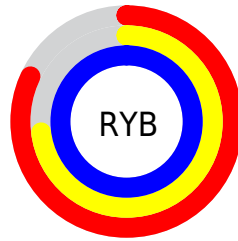
The Yxy color **55.4732, 0.2814, 0.2530** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.0078, 0.3382, 0.4017**, and the grayscale version is **57.6946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.4498, 0.2732, 0.2361** is the 20% darker color. If you saturate the color by 10%, you get **43.4281, 0.2670, 0.2216**, and if you desaturate by 10%, it is **69.6889, 0.2942, 0.2828**.

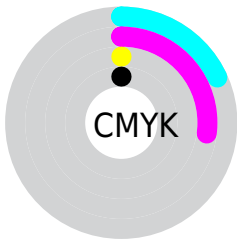
Distribution



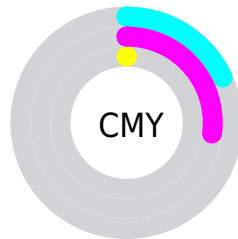
- Red (82%)
- Green (73%)
- Blue (100%)



- Red (82%)
- Yellow (73%)
- Blue (100%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4732, 0.2814, 0.2530 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 55.4732, 0.2814, 0.2530 by changing the saturation by 10% instead.


 55.4732, 0.2814,
0.2530

 55.4732, 0.2814,
0.2530


407.7032, 0.2969,
0.2878

 39.7807, 0.2776,
0.2452


 98.2339, 0.2870,
0.2650

 27.3676, 0.2729,
0.2356


126.0709, 0.2891,
0.2697

 17.8495, 0.2667,
0.2237


158.7249, 0.2909,
0.2737

 10.8420, 0.2584,
0.2084

196.5803, 0.2924,
0.2773

 5.9607, 0.2468,
0.1882

240.0214, 0.2938,
0.2804

 2.8212, 0.2295,
0.1607

289.4326, 0.2949,

 1.0391, 0.2018,

0.2831

0.1221

345.1984, 0.2960,
0.2856

0.0000, 0.1508,
0.0000

0.0000, 0.0000,
0.0000

55.4732, 0.2814,
0.2530

55.4732, 0.2814,
0.2530

43.4281, 0.2670,
0.2216

69.6889, 0.2942,
0.2828

33.4427, 0.2513,
0.1894

86.1766, 0.3054,
0.3102

25.3970, 0.2348,
0.1581

100.0000, 0.3127,
0.3290

19.1581, 0.2182,
0.1294

■ 14.5756, 0.2023,
0.1052

■ 11.4735, 0.1883,
0.0871

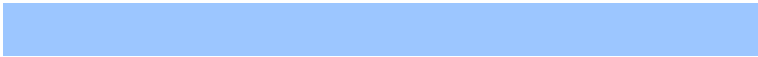
■ 9.6244, 0.1767,
0.0755

■ 9.2705, 0.1741,
0.0733

Harmonies

Analogous

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



55.4732, 0.2427, 0.2491



55.4732, 0.2814, 0.2530



55.4732, 0.3319, 0.2735

Triad

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



55.4732, 0.2814, 0.2530



55.4732, 0.4105, 0.3847



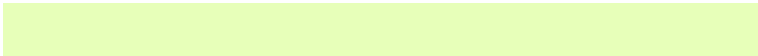
55.4732, 0.2472, 0.3488

Complementary

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



55.4732, 0.2814, 0.2530



92.0078, 0.3382, 0.4017

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.



55.4732, 0.2883, 0.3958



55.4732, 0.2814, 0.2530



55.4732, 0.3832, 0.4135

Square

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



55.4732, 0.2814, 0.2530



55.4732, 0.4100, 0.3458



55.4732, 0.3381, 0.4199



55.4732, 0.2243, 0.2995

Rectangle

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



55.4732, 0.2814, 0.2530



55.4732, 0.3655, 0.2944



55.4732, 0.3381, 0.4199



55.4732, 0.2593, 0.3658

Sweetspot

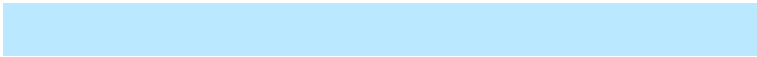
The Sweet Spot groups the original color and five complimentary colors.



55.4735, 0.2814, 0.2530



85.2144, 0.3048, 0.3088



75.0584, 0.2700, 0.3033



17.6807, 0.3033, 0.3048



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.



55.4735, 0.2814, 0.2530



48.5308, 0.2736, 0.2357



61.0296, 0.3070, 0.2585



17.6807, 0.3033, 0.3048



4.9179, 0.1757, 0.0741



0.5365, 0.1879, 0.0809

Inverse Universe

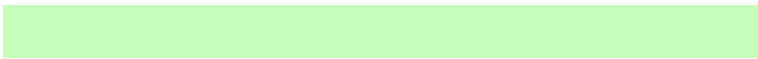
The Inverse Universe completely reimagines the original color for something new.



61.7240, 0.3343, 0.2826



55.8270, 0.3399, 0.2730



86.8473, 0.3161, 0.4070



18.1882, 0.3191, 0.3135



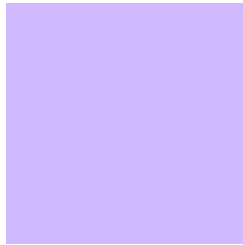
12.6055, 0.4315, 0.2151



1.2479, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 55.4732, 0.2814, 0.2530 looks on a white background.

Color Contrast Check

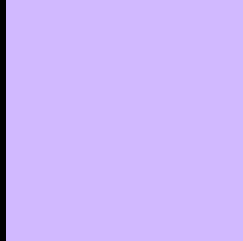
Large Text (above 18pt) WCAG AA × Fail

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 55.4732, 0.2814, 0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

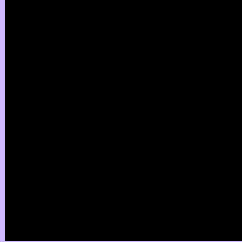
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4732, 0.2814, 0.2530

Background



This preview shows how black text looks on a background with the Yxy color 55.4732, 0.2814, 0.2530.

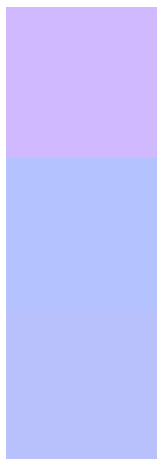


This preview shows how white text looks on a background with the Yxy color 55.4732, 0.2814, 0.2530.

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

55.4732, 0.2814, 0.2530

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.5461, 0.2667, 0.2608



Tritanopia

55.6045, 0.3072, 0.3112

Trichromacy



Original Color

55.4732, 0.2814, 0.2530

Protanomaly

55.5580, 0.2693, 0.2572

Deuteranomaly

55.4520, 0.2718, 0.2575

Tritanomaly

55.5900, 0.2974, 0.2888

Monochromacy



Original Color

55.4732, 0.2814, 0.2530

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8940, 0.3009, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4732, 0.2814, 0.2530 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(209, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.4732, 0.2814, 0.2530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

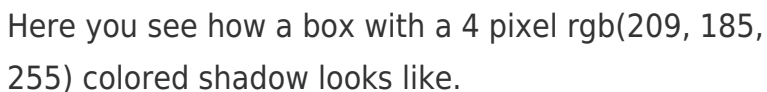
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 185, 255) }
```

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

```
.border{ border-color:rgb(209, 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(209, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4732, 0.2814, 0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 185, 255) }
```

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

```
.background{ background-color: rgb(209,  
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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