

Converting Colors

Yxy(55.4422, 0.2844, 0.2520)

Have a look what the booklet for
Yxy(55.4422, 0.2844, 0.2520)
contains.

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Color

Yxy(55.2331, 0.2842, 0.2515)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7FF
RGB	213, 183, 255
RGB Percent	84%, 72%, 100%
CMY	0.1648, 0.2823, 0.0001
CMYK	0.16, 0.28, 0.00, 0.00
HSL	265°, 100%, 86%
HSV	265°, 28%, 100%
XYZ	62.4145, 55.2331, 101.9671
YIQ	200.1780, -5.2320, 28.7520

Conversions

Conversions Part 2

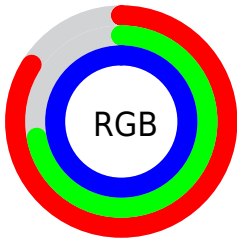
Format	Color
R _Y B	213, 183, 255
Decimal	14006271
CIE Lab	79.18, 24.36, -31.58
CIE LCh	79, 39.880, 307.645
Yxy	55.2331, 0.2842, 0.2515
Android (android.graphics.Color)	4292196351 (0xFFD5B7FF)
YUV	200.1780, 27.0272, 11.2449
Hunter-Lab	74.3190, 19.8495, -29.3238

Details

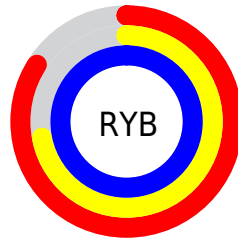
The Yxy color **55.2331, 0.2842, 0.2515** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9452, 0.3354, 0.4047**, and the grayscale version is **57.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **27.2106, 0.2759, 0.2340** is the 20% darker color. If you saturate the color by 10%, you get **43.5262, 0.2713, 0.2207**, and if you desaturate by 10%, it is **69.0543, 0.2957, 0.2809**.

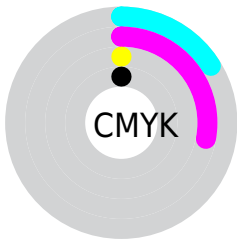
Distribution



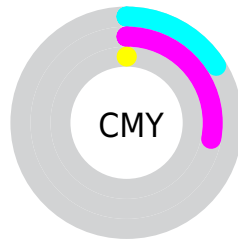
- Red (84%)
- Green (72%)
- Blue (100%)



- Red (84%)
- Yellow (72%)
- Blue (100%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2331, 0.2842, 0.2515 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 55.2331, 0.2842, 0.2515 by changing the saturation by 10% instead.


 55.2331, 0.2842,
0.2515

 55.2331, 0.2842,
0.2515

406.7949, 0.2985,
0.2869

 39.5884, 0.2807,
0.2436


 97.8824, 0.2893,
0.2637

 27.2178, 0.2763,
0.2339

125.6558, 0.2913,
0.2684

 17.7368, 0.2705,
0.2218


158.2408, 0.2929,
0.2726

 10.7612, 0.2628,
0.2063

196.0219, 0.2944,
0.2762

 5.9065, 0.2518,
0.1860

239.3835, 0.2956,
0.2793

 2.7883, 0.2353,
0.1584

288.7099, 0.2967,

 1.0222, 0.2088,

0.2822

0.1196

344.3856, 0.2976,
0.2847

0.0000, 0.1623,
0.0000

0.0000, 0.0000,
0.0000

55.2331, 0.2842,
0.2515

55.2331, 0.2842,
0.2515

43.5262, 0.2713,
0.2207

69.0543, 0.2957,
0.2809

33.8184, 0.2572,
0.1896

85.0834, 0.3056,
0.3083

25.9935, 0.2421,
0.1595

99.9991, 0.3127,
0.3290

19.9204, 0.2269,
0.1321

■ 15.4500, 0.2121,
0.1092

■ 12.4072, 0.1987,
0.0921

■ 10.5528, 0.1871,
0.0810

■ 10.2898, 0.1852,
0.0794

Harmonies

Analogous

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



55.2331, 0.2428, 0.2458



55.2331, 0.2842, 0.2515



55.2331, 0.3371, 0.2740

Triad

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



55.2331, 0.2842, 0.2515



55.2331, 0.4128, 0.3895



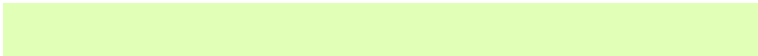
55.2331, 0.2419, 0.3449

Complementary

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



55.2331, 0.2842, 0.2515



90.9452, 0.3354, 0.4047

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.



55.2331, 0.2831, 0.3952



55.2331, 0.2842, 0.2515



55.2331, 0.3824, 0.4183

Square

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



55.2331, 0.2842, 0.2515



55.2331, 0.4152, 0.3497



55.2331, 0.3345, 0.4229



55.2331, 0.2201, 0.2944

Rectangle

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



55.2331, 0.2842, 0.2515



55.2331, 0.3717, 0.2961



55.2331, 0.3345, 0.4229



55.2331, 0.2538, 0.3628

Sweetspot

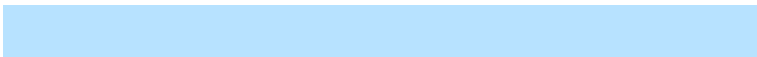
The Sweet Spot groups the original color and five complimentary colors.



55.2354, 0.2842, 0.2515



85.4784, 0.3058, 0.3089



71.7903, 0.2683, 0.2971



17.7469, 0.3044, 0.3049



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.



55.2354, 0.2842, 0.2515



48.2270, 0.2769, 0.2338



61.0123, 0.3105, 0.2573



17.7469, 0.3044, 0.3049



5.4600, 0.1869, 0.0803



0.5940, 0.1995, 0.0872

Inverse Universe

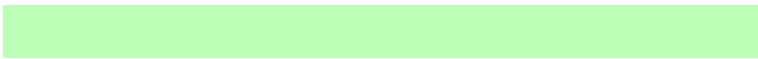
The Inverse Universe completely reimagines the original color for something new.



60.5710, 0.3393, 0.2864



54.4865, 0.3465, 0.2774



85.9063, 0.3132, 0.4102



18.1650, 0.3202, 0.3152



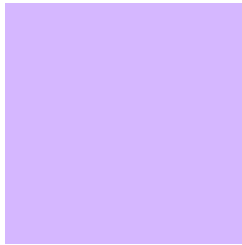
12.2712, 0.4611, 0.2314



1.2166, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 55.2331, 0.2842, 0.2515 looks on a white background.

Color Contrast Check

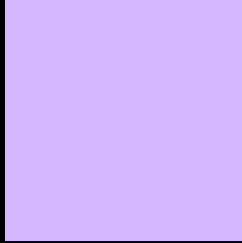
Large Text (above 18pt) WCAG AA × Fail

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 55.2331, 0.2842, 0.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

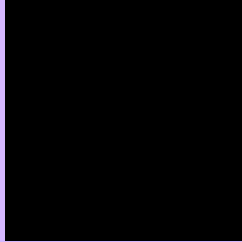
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2331, 0.2842, 0.2515

Background



This preview shows how black text looks on a background with the Yxy color 55.2331, 0.2842, 0.2515.

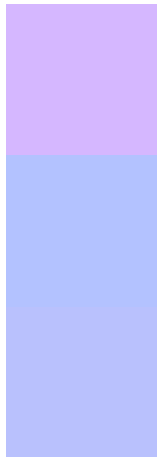


This preview shows how white text looks on a background with the Yxy color 55.2331, 0.2842, 0.2515.

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

55.2331, 0.2842, 0.2515

Protanopia

55.3873, 0.2618, 0.2592

Deuteranopia

55.5461, 0.2667, 0.2608



Tritanopia

55.1834, 0.3119, 0.3113

Trichromacy



Original Color

55.2331, 0.2842, 0.2515

Protanomaly

55.1233, 0.2692, 0.2561

Deuteranomaly

55.1531, 0.2724, 0.2564

Tritanomaly

55.1869, 0.3019, 0.2890

Monochromacy



Original Color

55.2331, 0.2842, 0.2515

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7300, 0.3024, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2331, 0.2842, 0.2515 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(213, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 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(213, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.2331, 0.2842, 0.2515 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(213, 183, 255) }
```

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

```
.border{ border-color:rgb(213, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2331, 0.2842, 0.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 255) }
```

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

```
.background{ background-color: rgb(213,  
183, 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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