

Converting Colors

$Y_{xy}(61.0256, 0.2524, 0.2095)$

Have a look what the booklet for
Yxy(61.0256, 0.2524, 0.2095)
contains.

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Color

Yxy(56.9068, 0.2844, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	D5BBFF
RGB	213, 187, 255
RGB Percent	84%, 73%, 100%
CMY	0.1646, 0.2667, 0.0000
CMYK	0.16, 0.27, 0.00, 0.00
HSL	263°, 100%, 87%
HSV	263°, 27%, 100%
XYZ	63.2693, 56.9068, 102.2899
YIQ	202.5260, -6.3320, 26.6600

Conversions

Conversions Part 2

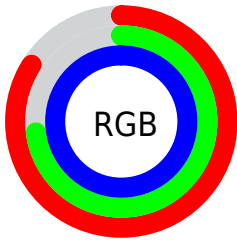
Format	Color
R _Y B	213, 187, 255
Decimal	14007295
CIE Lab	80.13, 22.23, -30.14
CIE LCh	80, 37.453, 306.409
Yxy	56.9068, 0.2844, 0.2558
Android (android.graphics.Color)	4292197375 (0xFFD5BBFF)
YUV	202.5260, 25.8697, 9.1857
Hunter-Lab	75.4366, 17.6955, -27.5899

Details

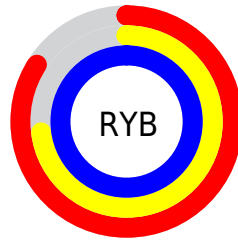
The Yxy color **56.9068, 0.2844, 0.2558** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.7614, 0.3357, 0.3999**, and the grayscale version is **59.2467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **28.3965, 0.2772, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **44.7901, 0.2710, 0.2249**, and if you desaturate by 10%, it is **71.1724, 0.2963, 0.2852**.

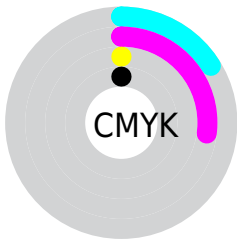
Distribution



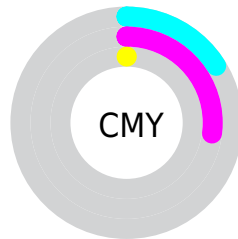
- Red (84%)
- Green (73%)
- Blue (100%)



- Red (84%)
- Yellow (73%)
- Blue (100%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9068, 0.2844, 0.2558 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 56.9068, 0.2844, 0.2558 by changing the saturation by 10% instead.

 56.9068, 0.2844,
0.2558

 56.9068, 0.2844,
0.2558


413.1000, 0.2984,
0.2893

 40.9304, 0.2810,
0.2483

 100.3292, 0.2894,
0.2673

 28.2647, 0.2767,
0.2392


128.5440, 0.2913,
0.2718

 18.5253, 0.2711,
0.2277


161.6070, 0.2930,
0.2757

 11.3278, 0.2636,
0.2131

199.9027, 0.2944,
0.2791

 6.2878, 0.2531,
0.1937

243.8155, 0.2956,
0.2821

 3.0208, 0.2373,
0.1673

293.7297, 0.2966,

 1.1426, 0.2121,

0.2848

0.1300

350.0297, 0.2976,
0.2871

0.0141, 0.1728,
0.0044

0.0000, 0.0000,
0.0000

56.9068, 0.2844,
0.2558

56.9068, 0.2844,
0.2558

44.7901, 0.2710,
0.2249

71.1724, 0.2963,
0.2852

34.7150, 0.2563,
0.1933

87.6879, 0.3067,
0.3123

26.5633, 0.2406,
0.1624

100.0000, 0.3127,
0.3290

20.2049, 0.2247,
0.1340

■ 15.4928, 0.2093,
0.1098

■ 12.2552, 0.1953,
0.0914

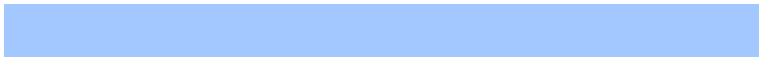
■ 10.2778, 0.1834,
0.0795

■ 9.7937, 0.1799,
0.0764

Harmonies

Analogous

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



56.9068, 0.2462, 0.2513



56.9068, 0.2844, 0.2558



56.9068, 0.3335, 0.2764

Triad

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



56.9068, 0.2844, 0.2558



56.9068, 0.4067, 0.3846



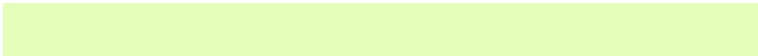
56.9068, 0.2480, 0.3460

Complementary

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



56.9068, 0.2844, 0.2558



91.7614, 0.3357, 0.3999

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.



56.9068, 0.2873, 0.3918



56.9068, 0.2844, 0.2558



56.9068, 0.3795, 0.4116

Square

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



56.9068, 0.2844, 0.2558



56.9068, 0.4074, 0.3472



56.9068, 0.3354, 0.4164



56.9068, 0.2265, 0.2989

Rectangle

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



56.9068, 0.2844, 0.2558



56.9068, 0.3658, 0.2970



56.9068, 0.3354, 0.4164



56.9068, 0.2594, 0.3625

Sweetspot

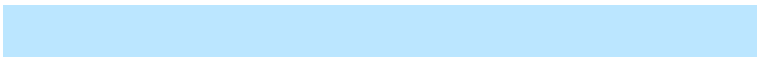
The Sweet Spot groups the original color and five complimentary colors.



56.9066, 0.2844, 0.2558



85.3572, 0.3054, 0.3088



74.4132, 0.2710, 0.3016



17.7165, 0.3039, 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.



56.9066, 0.2844, 0.2558



50.1870, 0.2775, 0.2395



62.3383, 0.3089, 0.2609



17.7165, 0.3039, 0.3049



5.1965, 0.1815, 0.0773



0.5664, 0.1940, 0.0842

Inverse Universe

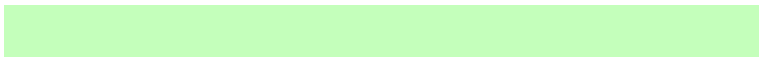
The Inverse Universe completely reimagines the original color for something new.



62.4534, 0.3357, 0.2866



56.6703, 0.3416, 0.2778



86.8514, 0.3146, 0.4048



18.1756, 0.3197, 0.3144



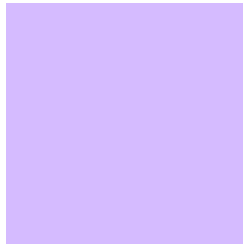
12.4183, 0.4473, 0.2238



1.2305, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 56.9068, 0.2844, 0.2558 looks on a white background.

Color Contrast Check

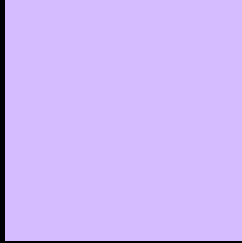
Large Text (above 18pt) WCAG AA × Fail

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 56.9068, 0.2844, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

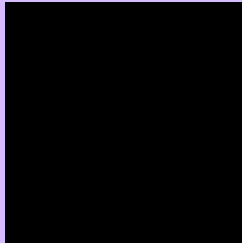
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9068, 0.2844, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 56.9068, 0.2844, 0.2558.

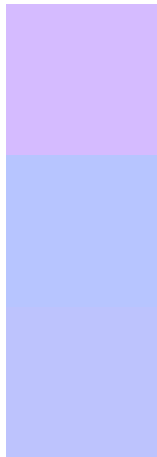


This preview shows how white text looks on a background with the Yxy color 56.9068, 0.2844, 0.2558.

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

56.9068, 0.2844, 0.2558

Protanopia

57.2198, 0.2647, 0.2632

Deuteranopia

56.9409, 0.2696, 0.2636



Tritanopia

56.7125, 0.3089, 0.3103

Trichromacy



Original Color

56.9068, 0.2844, 0.2558

Protanomaly

56.8293, 0.2715, 0.2599

Deuteranomaly

56.8608, 0.2748, 0.2603

Tritanomaly

56.6552, 0.2998, 0.2892

Monochromacy



Original Color

56.9068, 0.2844, 0.2558

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.4718, 0.3025, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9068, 0.2844, 0.2558 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 187, 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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.9068, 0.2844, 0.2558 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, 187, 255) }
```

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

```
.border{ border-color:rgb(213, 187, 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, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9068, 0.2844, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 187, 255) }
```

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

```
.background{ background-color: rgb(213,  
187, 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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