

Converting Colors

Yxy(56.4184, 0.2889, 0.2531)

Have a look what the booklet for
Yxy(56.4184, 0.2889, 0.2531)
contains.

Yxy(56.5610, 0.2887, 0.2535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.5610, 0.2887, 0.2535)

Conversions

Conversions Part 1

Format	Color
Hex	DBB8FF
RGB	219, 184, 255
RGB Percent	86%, 72%, 100%
CMY	0.1410, 0.2785, 0.0000
CMYK	0.14, 0.28, 0.00, 0.00
HSL	270°, 100%, 86%
HSV	270°, 28%, 100%
XYZ	64.4148, 56.5610, 102.1445
YIQ	202.5590, -1.9310, 29.5010

Conversions

Conversions Part 2

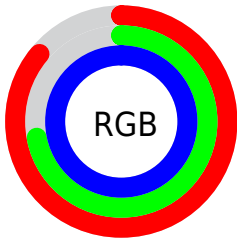
Format	Color
R _Y B	219, 184, 255
Decimal	14399743
CIE Lab	79.93, 25.69, -30.39
CIE LCh	80, 39.790, 310.213
Yxy	56.5610, 0.2887, 0.2535
Android (android.graphics.Color)	4292589823 (0xFFDDBB8FF)
YUV	202.5590, 25.8534, 14.4188
Hunter-Lab	75.2070, 21.2729, -27.8814

Details

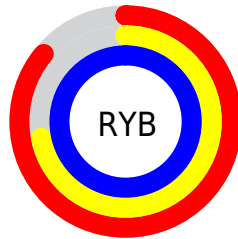
The Yxy color **56.5610, 0.2887, 0.2535** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1873, 0.3315, 0.4045**, and the grayscale version is **59.2687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **28.0963, 0.2817, 0.2369** is the 20% darker color. If you saturate the color by 10%, you get **44.9806, 0.2776, 0.2236**, and if you desaturate by 10%, it is **70.2085, 0.2985, 0.2823**.

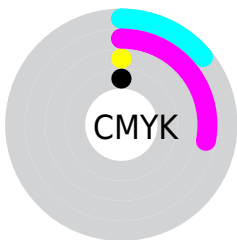
Distribution



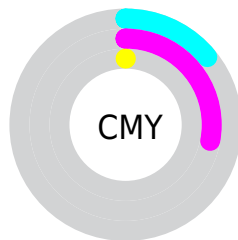
- Red (86%)
- Green (72%)
- Blue (100%)



- Red (86%)
- Yellow (72%)
- Blue (100%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5610, 0.2887, 0.2535 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 56.5610, 0.2887, 0.2535 by changing the saturation by 10% instead.


 56.5610, 0.2887,
0.2535

 56.5610, 0.2887,
0.2535


411.8023, 0.3008,
0.2879

 40.6529, 0.2857,
0.2458


 99.8243, 0.2931,
0.2653

 28.0480, 0.2819,
0.2365


127.9484, 0.2947,
0.2699

 18.3618, 0.2770,
0.2248


160.9132, 0.2961,
0.2739

 11.2101, 0.2703,
0.2099

199.1031, 0.2973,
0.2774

 6.2083, 0.2608,
0.1903

242.9026, 0.2984,
0.2805

 2.9722, 0.2465,
0.1636

292.6960, 0.2993,

 1.1172, 0.2230,

0.2832

0.1261

348.8678, 0.3001,
0.2857

0.0000, 0.1904,
0.0000

0.0000, 0.0000,
0.0000

56.5610, 0.2887,
0.2535

56.5610, 0.2887,
0.2535

44.9806, 0.2776,
0.2236

70.2085, 0.2985,
0.2823

35.3575, 0.2653,
0.1935

86.0178, 0.3070,
0.3093

27.5772, 0.2522,
0.1646

100.0000, 0.3127,
0.3290

21.5109, 0.2386,
0.1384

■ 17.0130, 0.2253,
0.1165

■ 13.9119, 0.2127,
0.0999

■ 11.9793, 0.2014,
0.0890

■ 11.6463, 0.1992,
0.0871

Harmonies

Analogous

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



56.5610, 0.2463, 0.2463



56.5610, 0.2887, 0.2535



56.5610, 0.3415, 0.2770

Triad

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



56.5610, 0.2887, 0.2535



56.5610, 0.4103, 0.3921



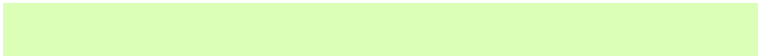
56.5610, 0.2399, 0.3402

Complementary

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



56.5610, 0.2887, 0.2535



90.1873, 0.3315, 0.4045

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.



56.5610, 0.2794, 0.3908



56.5610, 0.2887, 0.2535



56.5610, 0.3782, 0.4190

Square

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



56.5610, 0.2887, 0.2535



56.5610, 0.4152, 0.3531



56.5610, 0.3300, 0.4208



56.5610, 0.2201, 0.2911

Rectangle

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



56.5610, 0.2887, 0.2535



56.5610, 0.3751, 0.2996



56.5610, 0.3300, 0.4208



56.5610, 0.2512, 0.3580

Sweetspot

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



56.5622, 0.2887, 0.2535



85.7611, 0.3068, 0.3089



68.9513, 0.2682, 0.2908



17.8180, 0.3057, 0.3050



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.



56.5622, 0.2887, 0.2535



50.3442, 0.2832, 0.2382



62.5319, 0.3151, 0.2593



17.8180, 0.3057, 0.3050



6.1739, 0.2009, 0.0880



0.6660, 0.2131, 0.0948

Inverse Universe

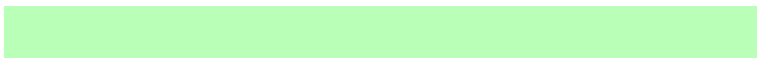
The Inverse Universe completely reimagines the original color for something new.



60.7001, 0.3434, 0.2924



55.1567, 0.3509, 0.2853



85.3157, 0.3096, 0.4098



18.1406, 0.3214, 0.3170



11.9689, 0.4937, 0.2494



1.1874, 0.4687, 0.2355

Previews

White Background



This preview shows how the Yxy color 56.5610, 0.2887, 0.2535 looks on a white background.

Color Contrast Check

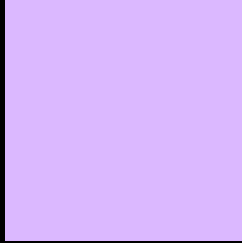
Large Text (above 18pt) WCAG AA × Fail

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 56.5610, 0.2887, 0.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

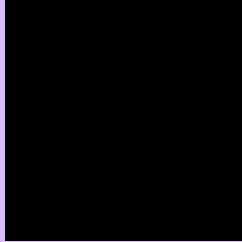
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5610, 0.2887, 0.2535

Background



This preview shows how black text looks on a background with the Yxy color 56.5610, 0.2887, 0.2535.

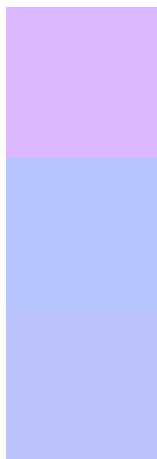


This preview shows how white text looks on a background with the Yxy color 56.5610, 0.2887, 0.2535.

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

56.5610, 0.2887, 0.2535

Protanopia

56.6449, 0.2639, 0.2619

Deuteranopia

56.9409, 0.2696, 0.2636



Tritanopia

56.5429, 0.3159, 0.3117

Trichromacy



Original Color

56.5610, 0.2887, 0.2535

Protanomaly

56.5214, 0.2721, 0.2589

Deuteranomaly

56.6967, 0.2761, 0.2594

Tritanomaly

56.5593, 0.3059, 0.2896

Monochromacy



Original Color

56.5610, 0.2887, 0.2535

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3091, 0.3040, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5610, 0.2887, 0.2535 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(219, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 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(219, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.5610, 0.2887, 0.2535 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(219, 184, 255) }
```

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

```
.border{ border-color:rgb(219, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5610, 0.2887, 0.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 255) }
```

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

```
.background{ background-color: rgb(219,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor