

Converting Colors

$Yxy(55.9639, 0.2906, 0.2513)$

Have a look what the booklet for
Yxy(55.9639, 0.2906, 0.2513)
contains.

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Color

Yxy(56.2055, 0.2909, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	DEB6FF
RGB	222, 182, 255
RGB Percent	87%, 71%, 100%
CMY	0.1293, 0.2863, 0.0001
CMYK	0.13, 0.29, 0.00, 0.00
HSL	273°, 100%, 86%
HSV	273°, 29%, 100%
XYZ	64.9074, 56.2055, 102.0133
YIQ	202.2820, 0.4070, 31.1830

Conversions

Conversions Part 2

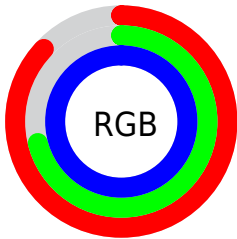
Format	Color
R _Y B	222, 182, 255
Decimal	14595839
CIE Lab	79.73, 27.67, -30.65
CIE LCh	80, 41.295, 312.080
Yxy	56.2055, 0.2909, 0.2519
Android (android.graphics.Color)	4292785919 (0xFFDEB6FF)
YUV	202.2820, 25.9900, 17.2927
Hunter-Lab	74.9703, 23.3427, -28.1976

Details

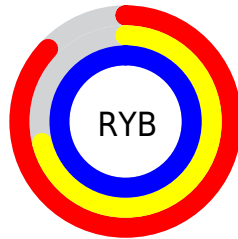
The Yxy color **56.2055, 0.2909, 0.2519** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.3173, 0.3294, 0.4075**, and the grayscale version is **59.0854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **27.8847, 0.2845, 0.2350** is the 20% darker color. If you saturate the color by 10%, you get **44.9425, 0.2810, 0.2225**, and if you desaturate by 10%, it is **69.4984, 0.2996, 0.2804**.

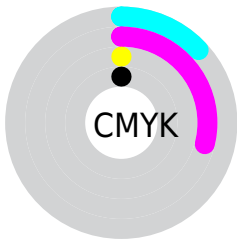
Distribution



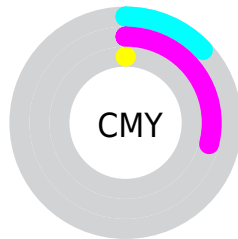
- Red (87%)
- Green (71%)
- Blue (100%)



- Red (87%)
- Yellow (71%)
- Blue (100%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2055, 0.2909, 0.2519 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 56.2055, 0.2909, 0.2519 by changing the saturation by 10% instead.

 56.2055, 0.2909,
0.2519

 56.2055, 0.2909,
0.2519


410.4655, 0.3020,
0.2870

 40.3677, 0.2881,
0.2441


 99.3050, 0.2949,
0.2639

 27.8254, 0.2846,
0.2346


127.3355, 0.2965,
0.2686

 18.1941, 0.2800,
0.2227

160.1989, 0.2977,
0.2727

 11.0894, 0.2737,
0.2076

198.2798, 0.2989,
0.2763

 6.1270, 0.2647,
0.1878

241.9626, 0.2998,
0.2794

 2.9225, 0.2510,
0.1608

291.6315, 0.3006,

 1.0914, 0.2284,

0.2822

0.1232

347.6710, 0.3014,
0.2847

0.0000, 0.1978,
0.0000

0.0000, 0.0000,
0.0000

56.2055, 0.2909,
0.2519

56.2055, 0.2909,
0.2519

44.9425, 0.2810,
0.2225

69.4984, 0.2996,
0.2804

35.5966, 0.2700,
0.1933

84.9121, 0.3071,
0.3073

28.0547, 0.2582,
0.1655

99.9984, 0.3127,
0.3290

22.1881, 0.2460,
0.1406

■ 17.8508, 0.2338,
0.1199

■ 14.8701, 0.2223,
0.1045

■ 13.0009, 0.2117,
0.0944

■ 12.7861, 0.2103,
0.0932

Harmonies

Analogous

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



56.2055, 0.2460, 0.2433



56.2055, 0.2909, 0.2519



56.2055, 0.3460, 0.2771

Triad

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



56.2055, 0.2909, 0.2519



56.2055, 0.4127, 0.3964



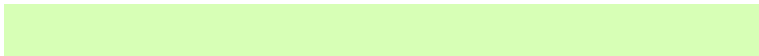
56.2055, 0.2352, 0.3371

Complementary

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



56.2055, 0.2909, 0.2519



89.3173, 0.3294, 0.4075

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.



56.2055, 0.2750, 0.3906



56.2055, 0.2909, 0.2519



56.2055, 0.3778, 0.4235

Square

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



56.2055, 0.2909, 0.2519



56.2055, 0.4199, 0.3564



56.2055, 0.3271, 0.4238



56.2055, 0.2162, 0.2867

Rectangle

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



56.2055, 0.2909, 0.2519



56.2055, 0.3805, 0.3008



56.2055, 0.3271, 0.4238



56.2055, 0.2464, 0.3557

Sweetspot

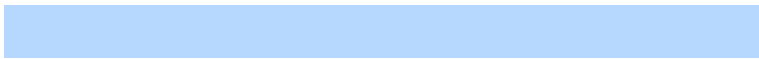
The Sweet Spot groups the original color and five complimentary colors.



56.2078, 0.2909, 0.2519



84.3097, 0.3069, 0.3064



66.3010, 0.2665, 0.2854



17.5392, 0.3059, 0.3026



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.



56.2078, 0.2909, 0.2519



49.9160, 0.2857, 0.2362



61.7714, 0.3179, 0.2597



17.8690, 0.3065, 0.3050



6.7724, 0.2119, 0.0941



0.7243, 0.2236, 0.1006

Inverse Universe

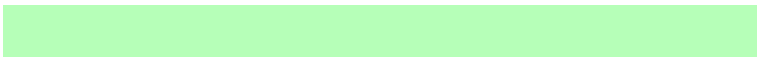
The Inverse Universe completely reimagines the original color for something new.



59.6113, 0.3478, 0.2953



53.9020, 0.3568, 0.2887



84.9269, 0.3075, 0.4097



18.1234, 0.3223, 0.3183



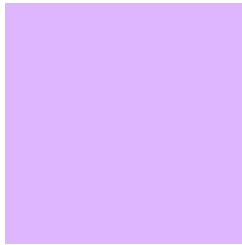
11.7856, 0.5171, 0.2622



1.1692, 0.4891, 0.2468

Previews

White Background



This preview shows how the Yxy color 56.2055, 0.2909, 0.2519 looks on a white background.

Color Contrast Check

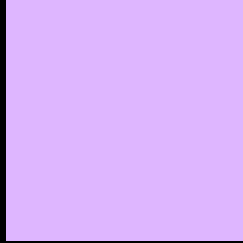
Large Text (above 18pt) WCAG AA × Fail

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 56.2055, 0.2909, 0.2519 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 56.2055, 0.2909, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 56.2055, 0.2909, 0.2519.

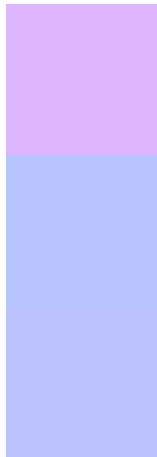


This preview shows how white text looks on a background with the Yxy color 56.2055, 0.2909, 0.2519.

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

56.2055, 0.2909, 0.2519

Protanopia

56.6449, 0.2639, 0.2619

Deuteranopia

56.3668, 0.2688, 0.2623



Tritanopia

56.0140, 0.3200, 0.3117

Trichromacy



Original Color

56.2055, 0.2909, 0.2519



Protanomaly

56.3519, 0.2734, 0.2580



Deuteranomaly

56.2620, 0.2760, 0.2583

Tritanomaly

56.1000, 0.3090, 0.2887

Monochromacy



Original Color

56.2055, 0.2909, 0.2519



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.8060, 0.3048, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2055, 0.2909, 0.2519 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(222, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.2055, 0.2909, 0.2519 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(222, 182, 255) }
```

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

```
.border{ border-color:rgb(222, 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(222, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2055, 0.2909, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 255) }
```

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

```
.background{ background-color: rgb(222,  
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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