

Converting Colors

Yxy(56.9087, 0.2988, 0.2652)

Have a look what the booklet for
Yxy(56.9087, 0.2988, 0.2652)
contains.

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Color

Yxy(56.9176, 0.2993, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	DFB9F4
RGB	223, 185, 244
RGB Percent	87%, 73%, 96%
CMY	0.1254, 0.2745, 0.0432
CMYK	0.09, 0.24, 0.00, 0.04
HSL	279°, 73%, 84%
HSV	279°, 24%, 96%
XYZ	64.1153, 56.9176, 93.1846
YIQ	203.0880, 3.7090, 26.4050

Conversions

Conversions Part 2

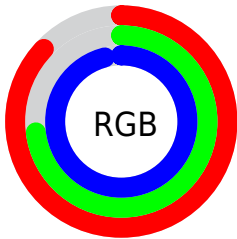
Format	Color
R _Y B	223, 185, 244
Decimal	14662132
CIE Lab	80.13, 24.14, -24.14
CIE LCh	80, 34.139, 315.003
Yxy	56.9176, 0.2993, 0.2657
Android (android.graphics.Color)	4292852212 (0xFFDFB9F4)
YUV	203.0880, 20.1696, 17.4628
Hunter-Lab	75.4438, 19.6703, -20.4216

Details

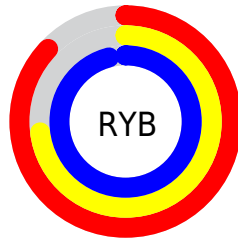
The Yxy color $56.9176, 0.2993, 0.2657$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.3113, 0.3231, 0.3948$, and the grayscale version is $59.6514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $28.3489, 0.2946, 0.2511$ is the 20% darker color. If you saturate the color by 10%, you get $46.2312, 0.2921, 0.2376$, and if you desaturate by 10%, it is $69.4309, 0.3055, 0.2930$.

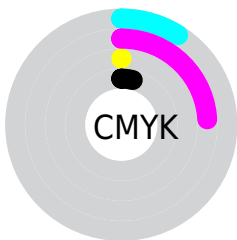
Distribution



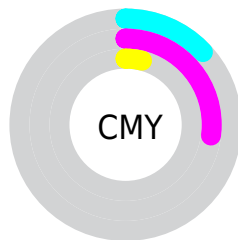
- Red (87%)
- Green (73%)
- Blue (96%)



- Red (87%)
- Yellow (73%)
- Blue (96%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)





- Cyan (13%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9176, 0.2993, 0.2657 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 56.9176, 0.2993, 0.2657 by changing the saturation by 10% instead.


 56.9176, 0.2993,
0.2657

 56.9176, 0.2993,
0.2657

413.1405, 0.3062,
0.2948

 40.9391, 0.2975,
0.2591


 100.3449, 0.3018,
0.2757

 28.2715, 0.2953,
0.2511


128.5626, 0.3028,
0.2796

 18.5304, 0.2923,
0.2410


161.6287, 0.3036,
0.2830

 11.3315, 0.2881,
0.2279

199.9277, 0.3043,
0.2860

 6.2902, 0.2821,
0.2104

243.8440, 0.3049,
0.2886

 3.0224, 0.2726,
0.1861

293.7619, 0.3054,

 1.1434, 0.2561,

0.2909

0.1505

350.0660, 0.3058,
0.2929

0.0147, 0.2388,
0.0058

0.0000, 0.0000,
0.0000

56.9176, 0.2993,
0.2657

56.9176, 0.2993,
0.2657

46.2312, 0.2921,
0.2376

69.4309, 0.3055,
0.2930

37.2739, 0.2840,
0.2095

83.8479, 0.3108,
0.3187

29.9498, 0.2751,
0.1825

98.1967, 0.3154,
0.3397

24.1504, 0.2656,
0.1580

99.3109, 0.3191,
0.3396

■ 19.7536, 0.2559,
0.1371

■ 16.6179, 0.2462,
0.1209

■ 14.5707, 0.2370,
0.1097

■ 13.7318, 0.2319,
0.1051

Harmonies

Analogous

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



56.9176, 0.2604, 0.2571



56.9176, 0.2993, 0.2657



56.9176, 0.3448, 0.2883

Triad

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



56.9176, 0.2993, 0.2657



56.9176, 0.3937, 0.3888



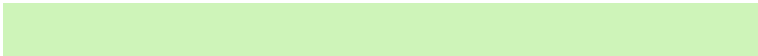
56.9176, 0.2459, 0.3318

Complementary

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



56.9176, 0.2993, 0.2657



81.3113, 0.3231, 0.3948

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.



56.9176, 0.2781, 0.3752



56.9176, 0.2993, 0.2657



56.9176, 0.3636, 0.4081

Square

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



56.9176, 0.2993, 0.2657



56.9176, 0.4015, 0.3565



56.9176, 0.3210, 0.4044



56.9176, 0.2314, 0.2915

Rectangle

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



56.9176, 0.2993, 0.2657



56.9176, 0.3722, 0.3091



56.9176, 0.3210, 0.4044



56.9176, 0.2549, 0.3468

Sweetspot

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



56.9200, 0.2993, 0.2657



87.9525, 0.3094, 0.3116



61.2890, 0.2734, 0.2862



18.6139, 0.3091, 0.3101



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.



56.9200, 0.2993, 0.2657



56.9023, 0.2959, 0.2520



59.9899, 0.3215, 0.2763



16.4567, 0.3081, 0.3053



7.5468, 0.2332, 0.1059



0.7208, 0.2442, 0.1119

Inverse Universe

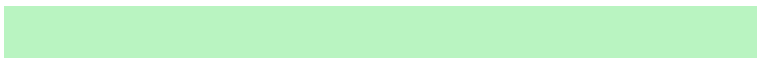
The Inverse Universe completely reimagines the original color for something new.



58.3804, 0.3456, 0.3067



58.8486, 0.3545, 0.3020



78.8519, 0.3050, 0.3882



16.5798, 0.3238, 0.3206



10.8527, 0.5558, 0.2836



0.9727, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 56.9176, 0.2993, 0.2657 looks on a white background.

Color Contrast Check

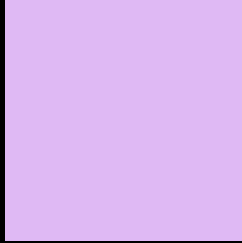
Large Text (above 18pt) WCAG AA × Fail

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 56.9176, 0.2993, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

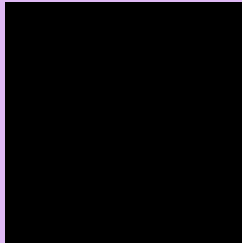
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9176, 0.2993, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 56.9176, 0.2993, 0.2657.



This preview shows how white text looks on a background with the Yxy color 56.9176, 0.2993, 0.2657.

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

56.9176, 0.2993, 0.2657

Protanopia

57.2751, 0.2677, 0.2665

Deuteranopia

57.3113, 0.2818, 0.2757



Tritanopia

56.9560, 0.3216, 0.3119

Trichromacy



Original Color

56.9176, 0.2993, 0.2657

Protanomaly

57.1216, 0.2786, 0.2665

Deuteranomaly

56.8545, 0.2874, 0.2711

Tritanomaly

56.6226, 0.3135, 0.2943

Monochromacy



Original Color

56.9176, 0.2993, 0.2657

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.2434, 0.3077, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9176, 0.2993, 0.2657 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(223, 185, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 244)  
}
```

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(223, 185, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 244) }
```

Border

The CSS property to change the border of an element to Yxy 56.9176, 0.2993, 0.2657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

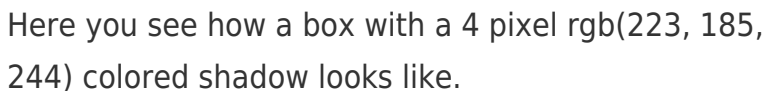
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 185, 244) }
```

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

```
.border{ border-color:rgb(223, 185, 244) }
```

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



Here you see how a box with a 4 pixel rgb(223, 185, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9176, 0.2993, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 244) }
```

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

```
.background{ background-color: rgb(223,  
185, 244) }
```

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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