

Converting Colors

$Y_{xy}(53.9271, 0.2866, 0.2472)$

Have a look what the booklet for
Yxy(53.9271, 0.2866, 0.2472)
contains.

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Color

Yxy(54.0591, 0.2863, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	D8B3FF
RGB	216, 179, 255
RGB Percent	85%, 70%, 100%
CMY	0.1526, 0.2981, 0.0000
CMYK	0.15, 0.30, 0.00, 0.00
HSL	269°, 100%, 85%
HSV	269°, 30%, 100%
XYZ	62.5086, 54.0591, 101.7647
YIQ	198.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

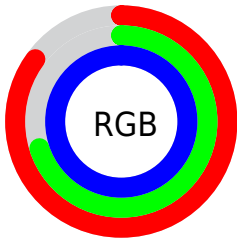
Format	Color
R _Y B	216, 179, 255
Decimal	14201855
CIE Lab	78.50, 27.50, -32.62
CIE LCh	78, 42.666, 310.137
Yxy	54.0591, 0.2863, 0.2476
Android (android.graphics.Color)	4292391935 (0xFFD8B3FF)
YUV	198.7270, 27.7426, 15.1484
Hunter-Lab	73.5249, 23.0865, -30.5950

Details

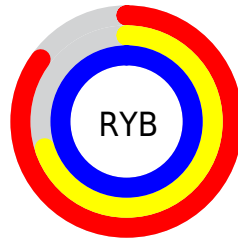
The Yxy color **54.0591, 0.2863, 0.2476** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89.6623, 0.3330, 0.4103**, and the grayscale version is **56.7703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.4725, 0.2784, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **42.8574, 0.2748, 0.2175**, and if you desaturate by 10%, it is **67.3104, 0.2965, 0.2767**.

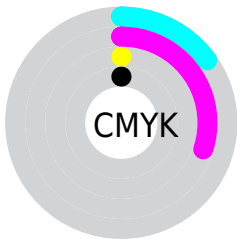
Distribution



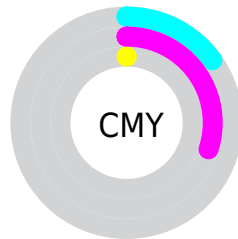
- Red (85%)
- Green (70%)
- Blue (100%)



- Red (85%)
- Yellow (70%)
- Blue (100%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0591, 0.2863, 0.2476 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 54.0591, 0.2863, 0.2476 by changing the saturation by 10% instead.


 54.0591, 0.2863,
0.2476

 54.0591, 0.2863,
0.2476


402.3353, 0.2997,
0.2848

 38.6489, 0.2830,
0.2393

 96.1610, 0.2912,
0.2603

 26.4867, 0.2788,
0.2292


123.6215, 0.2930,
0.2653

 17.1881, 0.2732,
0.2166


155.8676, 0.2946,
0.2697

 10.3687, 0.2657,
0.2005


193.2837, 0.2959,
0.2735

 5.6441, 0.2550,
0.1794

236.2541, 0.2970,
0.2768

 2.6299, 0.2388,
0.1510

285.1632, 0.2980,

 0.9417, 0.2123,

0.2797

0.1115

340.3955, 0.2989,
0.2824

0.0000, 0.1647,
0.0000

0.0000, 0.0000,
0.0000

54.0591, 0.2863,
0.2476

54.0591, 0.2863,
0.2476

42.8574, 0.2748,
0.2175

67.3104, 0.2965,
0.2767

33.5945, 0.2622,
0.1875

82.7084, 0.3053,
0.3042

26.1532, 0.2488,
0.1589

100.0000, 0.3127,
0.3290

20.4019, 0.2351,
0.1333

■ 16.1903, 0.2218,
0.1123

■ 13.3401, 0.2093,
0.0968

■ 11.5679, 0.1983,
0.0867

■ 11.5395, 0.1981,
0.0865

Harmonies

Analogous

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



54.0591, 0.2407, 0.2398



54.0591, 0.2863, 0.2476



54.0591, 0.3437, 0.2728

Triad

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



54.0591, 0.2863, 0.2476



54.0591, 0.4186, 0.3965



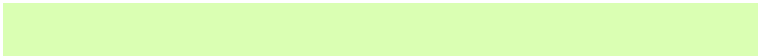
54.0591, 0.2339, 0.3410

Complementary

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



54.0591, 0.2863, 0.2476



89.6623, 0.3330, 0.4103

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.



54.0591, 0.2764, 0.3969



54.0591, 0.2863, 0.2476



54.0591, 0.3835, 0.4266

Square

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



54.0591, 0.2863, 0.2476



54.0591, 0.4242, 0.3543



54.0591, 0.3311, 0.4296



54.0591, 0.2127, 0.2875

Rectangle

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



54.0591, 0.2863, 0.2476



54.0591, 0.3805, 0.2969



54.0591, 0.3311, 0.4296



54.0591, 0.2459, 0.3606

Sweetspot

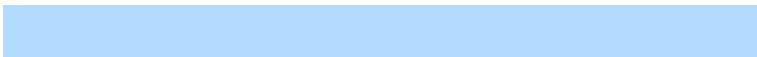
The Sweet Spot groups the original color and five complimentary colors.



54.0600, 0.2863, 0.2476



84.0608, 0.3060, 0.3063



67.0745, 0.2649, 0.2877



17.4779, 0.3048, 0.3025



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.



54.0600, 0.2863, 0.2476



46.8962, 0.2794, 0.2291



60.4693, 0.3152, 0.2544



17.8129, 0.3056, 0.3050



6.1178, 0.1998, 0.0874



0.6604, 0.2121, 0.0942

Inverse Universe

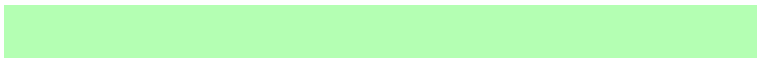
The Inverse Universe completely reimagines the original color for something new.



58.5452, 0.3458, 0.2892



52.1883, 0.3552, 0.2807



84.5055, 0.3094, 0.4165



18.1423, 0.3214, 0.3169



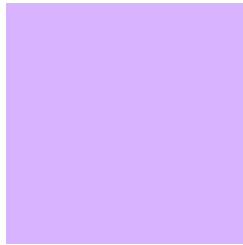
11.9888, 0.4914, 0.2481



1.1894, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 54.0591, 0.2863, 0.2476 looks on a white background.

Color Contrast Check

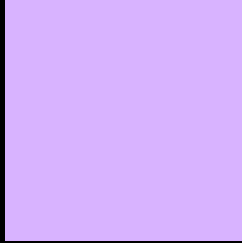
Large Text (above 18pt) WCAG AA × Fail

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 54.0591, 0.2863, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

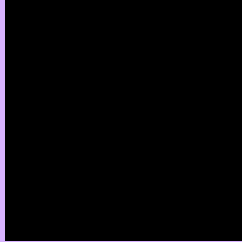
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0591, 0.2863, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 54.0591, 0.2863, 0.2476.

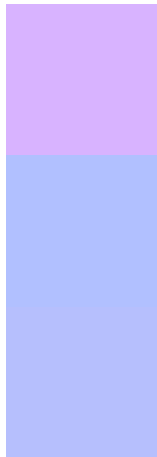


This preview shows how white text looks on a background with the Yxy color 54.0591, 0.2863, 0.2476.

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

54.0591, 0.2863, 0.2476

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.2985, 0.2645, 0.2580



Tritanopia

54.1647, 0.3168, 0.3114

Trichromacy



Original Color

54.0591, 0.2863, 0.2476

Protanomaly

53.8370, 0.2689, 0.2526

Deuteranomaly

54.1657, 0.2716, 0.2540

Tritanomaly

53.8745, 0.3051, 0.2857

Monochromacy



Original Color

54.0591, 0.2863, 0.2476

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7929, 0.3032, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0591, 0.2863, 0.2476 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(216, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 179, 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(216, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0591, 0.2863, 0.2476 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(216, 179, 255) }
```

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

```
.border{ border-color:rgb(216, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0591, 0.2863, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 179, 255) }
```

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

```
.background{ background-color: rgb(216,  
179, 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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