

Converting Colors

Yxy(67.3489, 0.2168, 0.1472)

Have a look what the booklet for
Yxy(67.3489, 0.2168, 0.1472)
contains.

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Color

Yxy(53.0217, 0.2906, 0.2434)

Conversions

Conversions Part 1

Format	Color
Hex	DEAEFF
RGB	222, 174, 255
RGB Percent	87%, 68%, 100%
CMY	0.1295, 0.3176, 0.0000
CMYK	0.13, 0.32, 0.00, 0.00
HSL	276°, 100%, 84%
HSV	276°, 32%, 100%
XYZ	63.3036, 53.0217, 101.5124
YIQ	197.5860, 2.6070, 35.3670

Conversions

Conversions Part 2

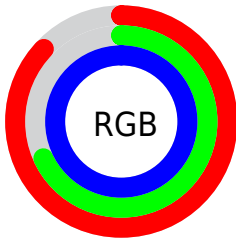
Format	Color
R _Y B	222, 174, 255
Decimal	14593791
CIE Lab	77.89, 31.96, -33.51
CIE LCh	78, 46.305, 313.648
Yxy	53.0217, 0.2906, 0.2434
Android (android.graphics.Color)	4292783871 (0xFFDEAEFF)
YUV	197.5860, 28.3051, 21.4111
Hunter-Lab	72.8160, 27.7535, -31.6847

Details

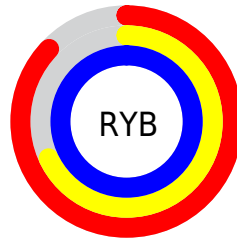
The Yxy color **53.0217, 0.2906, 0.2434** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.8490, 0.3287, 0.4176**, and the grayscale version is **56.0315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **25.8590, 0.2841, 0.2243** is the 20% darker color. If you saturate the color by 10%, you get **42.4953, 0.2814, 0.2145**, and if you desaturate by 10%, it is **65.5229, 0.2988, 0.2719**.

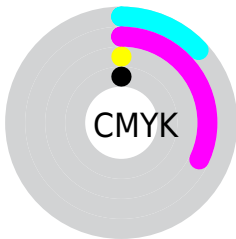
Distribution



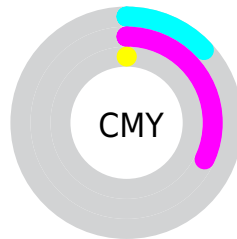
- Red (87%)
- Green (68%)
- Blue (100%)



- Red (87%)
- Yellow (68%)
- Blue (100%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0217, 0.2906, 0.2434 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 53.0217, 0.2906, 0.2434 by changing the saturation by 10% instead.


 53.0217, 0.2906,
0.2434

 53.0217, 0.2906,
0.2434

398.3684, 0.3021,
0.2823

 37.8201, 0.2877,
0.2348


 94.6363, 0.2948,
0.2567

 25.8431, 0.2839,
0.2242


121.8181, 0.2964,
0.2620

 16.7063, 0.2790,
0.2111


153.7620, 0.2978,
0.2665

 10.0253, 0.2721,
0.1945

190.8526, 0.2989,
0.2705

 5.4157, 0.2623,
0.1728

233.4741, 0.2999,
0.2740

 2.4932, 0.2472,
0.1436

282.0110, 0.3007,

 0.8732, 0.2220,

0.2771

0.1038

336.8476, 0.3015,
0.2798

0.0000, 0.1778,
0.0000

0.0000, 0.0000,
0.0000

53.0217, 0.2906,
0.2434

53.0217, 0.2906,
0.2434

42.4953, 0.2814,
0.2145

65.5229, 0.2988,
0.2719

33.8308, 0.2712,
0.1863

80.0935, 0.3058,
0.2992

26.9113, 0.2604,
0.1600

96.8278, 0.3118,
0.3247

21.6041, 0.2492,
0.1371

100.0000, 0.3127,
0.3290

■ 17.7566, 0.2382,
0.1187

■ 15.1856, 0.2277,
0.1057

■ 13.7984, 0.2197,
0.0984

Harmonies

Analogous

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



53.0217, 0.2393, 0.2324



53.0217, 0.2906, 0.2434



53.0217, 0.3537, 0.2723

Triad

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



53.0217, 0.2906, 0.2434



53.0217, 0.4247, 0.4063



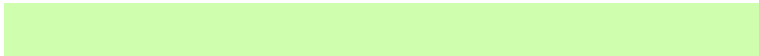
53.0217, 0.2231, 0.3342

Complementary

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



53.0217, 0.2906, 0.2434



87.8490, 0.3287, 0.4176

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.



53.0217, 0.2664, 0.3973



53.0217, 0.2906, 0.2434



53.0217, 0.3831, 0.4376

Square

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



53.0217, 0.2906, 0.2434



53.0217, 0.4357, 0.3611



53.0217, 0.3249, 0.4375



53.0217, 0.2036, 0.2776

Rectangle

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



53.0217, 0.2906, 0.2434



53.0217, 0.3930, 0.2989



53.0217, 0.3249, 0.4375



53.0217, 0.2351, 0.3559

Sweetspot

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



53.0233, 0.2906, 0.2434



82.8762, 0.3069, 0.3038



61.2154, 0.2606, 0.2750



17.2616, 0.3060, 0.3001



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.



53.0233, 0.2906, 0.2434



46.2271, 0.2850, 0.2253



58.3316, 0.3216, 0.2557



17.9094, 0.3072, 0.3051



7.2994, 0.2212, 0.0992



0.7746, 0.2322, 0.1053

Inverse Universe

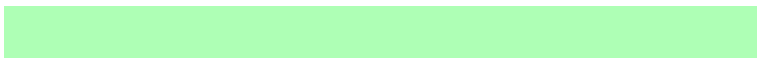
The Inverse Universe completely reimagines the original color for something new.



56.0461, 0.3560, 0.2950



49.8077, 0.3680, 0.2881



83.8472, 0.3048, 0.4153



18.1099, 0.3230, 0.3193



11.6590, 0.5352, 0.2722



1.1562, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 53.0217, 0.2906, 0.2434 looks on a white background.

Color Contrast Check

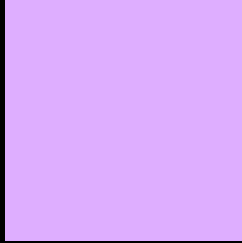
Large Text (above 18pt) WCAG AA × Fail

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 53.0217, 0.2906, 0.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

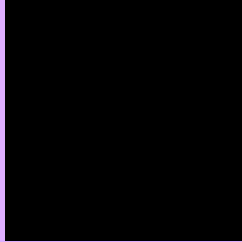
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0217, 0.2906, 0.2434

Background



This preview shows how black text looks on a background with the Yxy color 53.0217, 0.2906, 0.2434.



This preview shows how white text looks on a background with the Yxy color 53.0217, 0.2906, 0.2434.

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

53.0217, 0.2906, 0.2434

Protanopia

53.4803, 0.2582, 0.2550

Deuteranopia

53.4389, 0.2629, 0.2575



Tritanopia

52.9676, 0.3252, 0.3126

Trichromacy



Original Color

53.0217, 0.2906, 0.2434



Protanomaly

52.9943, 0.2687, 0.2503



Deuteranomaly

52.9749, 0.2726, 0.2517

Tritanomaly

52.7611, 0.3123, 0.2859

Monochromacy



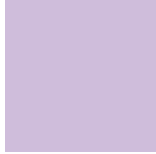
Original Color

53.0217, 0.2906, 0.2434



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.7751, 0.3048, 0.2943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0217, 0.2906, 0.2434 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, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 174, 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, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 174, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0217, 0.2906, 0.2434 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, 174, 255) }
```

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

```
.border{ border-color:rgb(222, 174, 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, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 174,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0217, 0.2906, 0.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 174, 255) }
```

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

```
.background{ background-color: rgb(222,  
174, 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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