

Converting Colors

Yxy(53.8575, 0.2981, 0.2500)

Have a look what the booklet for
Yxy(53.8575, 0.2981, 0.2500)
contains.

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Color

Yxy(53.8930, 0.2980, 0.2500)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFFA
RGB	227, 175, 250
RGB Percent	89%, 69%, 98%
CMY	0.1101, 0.3135, 0.0197
CMYK	0.09, 0.30, 0.00, 0.02
HSL	282°, 88%, 83%
HSV	282°, 30%, 98%
XYZ	64.2405, 53.8930, 97.4385
YIQ	199.0980, 6.9170, 34.3490

Conversions

Conversions Part 2

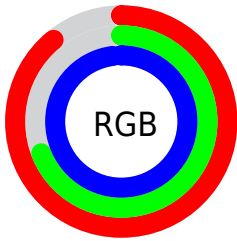
Format	Color
R _Y B	227, 175, 250
Decimal	14921722
CIE Lab	78.40, 31.90, -29.97
CIE LCh	78, 43.773, 316.782
Yxy	53.8930, 0.2980, 0.2500
Android (android.graphics.Color)	4293111802 (0xFFE3AFFA)
YUV	199.0980, 25.0947, 24.4701
Hunter-Lab	73.4119, 27.7291, -27.3065

Details

The Yxy color **53.8930, 0.2980, 0.2500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83.4734, 0.3230, 0.4133**, and the grayscale version is **57.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.4272, 0.2938, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **43.8230, 0.2914, 0.2223**, and if you desaturate by 10%, it is **65.8246, 0.3037, 0.2775**.

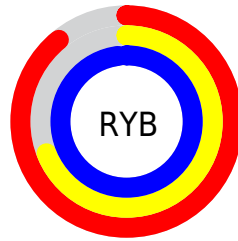
Distribution



Red (89%)

Green (69%)

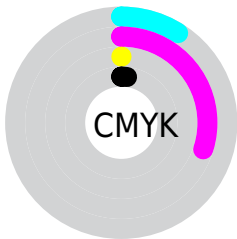
Blue (98%)



Red (89%)

Yellow (69%)

Blue (98%)

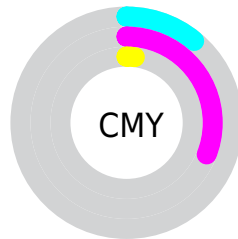


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (11%)


Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8930, 0.2980, 0.2500 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 53.8930, 0.2980, 0.2500 by changing the saturation by 10% instead.


 53.8930, 0.2980,
0.2500

 53.8930, 0.2980,
0.2500


401.7019, 0.3059,
0.2860

 38.5161, 0.2959,
0.2420


 95.9171, 0.3010,
0.2624

 26.3835, 0.2933,
0.2321


123.3332, 0.3020,
0.2672

 17.1108, 0.2897,
0.2199


155.5310, 0.3030,
0.2714

 10.3135, 0.2847,
0.2043

192.8951, 0.3037,
0.2751

 5.6073, 0.2773,
0.1837

235.8099, 0.3044,
0.2783

 2.6078, 0.2656,
0.1558

284.6597, 0.3050,

 0.9306, 0.2455,

0.2812

0.1166

339.8289, 0.3055,
0.2837

0.0000, 0.2141,
0.0000

0.0000, 0.0000,
0.0000

53.8930, 0.2980,
0.2500

53.8930, 0.2980,
0.2500

43.8230, 0.2914,
0.2223

65.8246, 0.3037,
0.2775

35.5076, 0.2841,
0.1954

79.7036, 0.3086,
0.3040

28.8392, 0.2761,
0.1706

95.6185, 0.3127,
0.3291

23.6951, 0.2677,
0.1490

99.6806, 0.3156,
0.3338

■ 19.9352, 0.2592,
0.1317

■ 17.3927, 0.2510,
0.1193

■ 15.7934, 0.2430,
0.1113

■ 15.7899, 0.2430,
0.1112

Harmonies

Analogous

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



53.8930, 0.2476, 0.2377



53.8930, 0.2980, 0.2500



53.8930, 0.3576, 0.2790

Triad

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



53.8930, 0.2980, 0.2500



53.8930, 0.4155, 0.4065



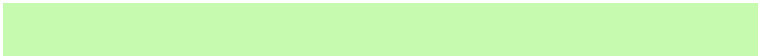
53.8930, 0.2250, 0.3280

Complementary

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



53.8930, 0.2980, 0.2500



83.4734, 0.3230, 0.4133

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.



53.8930, 0.2641, 0.3873



53.8930, 0.2980, 0.2500



53.8930, 0.3742, 0.4328

Square

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



53.8930, 0.2980, 0.2500



53.8930, 0.4290, 0.3647



53.8930, 0.3186, 0.4282



53.8930, 0.2088, 0.2764

Rectangle

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



53.8930, 0.2980, 0.2500



53.8930, 0.3933, 0.3051



53.8930, 0.3186, 0.4282



53.8930, 0.2357, 0.3480

Sweetspot

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



53.8953, 0.2980, 0.2500



84.9063, 0.3091, 0.3065



56.7624, 0.2627, 0.2696



17.6864, 0.3084, 0.3028



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.



53.8953, 0.2980, 0.2500



49.7754, 0.2941, 0.2332



57.0671, 0.3270, 0.2668



17.2409, 0.3088, 0.3053



8.4566, 0.2443, 0.1119



0.8391, 0.2536, 0.1171

Inverse Universe

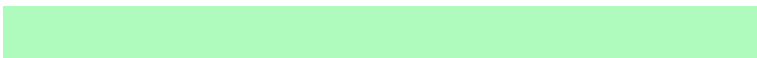
The Inverse Universe completely reimagines the original color for something new.



55.0792, 0.3594, 0.3047



51.3070, 0.3728, 0.2996



81.1402, 0.3012, 0.4004



17.3132, 0.3245, 0.3217



11.0867, 0.5739, 0.2935



1.0449, 0.5402, 0.2750

Previews

White Background



This preview shows how the Yxy color 53.8930, 0.2980, 0.2500 looks on a white background.

Color Contrast Check

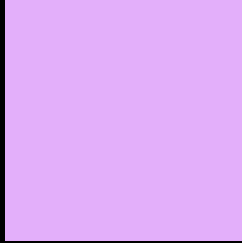
Large Text (above 18pt) WCAG AA × Fail

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 53.8930, 0.2980, 0.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

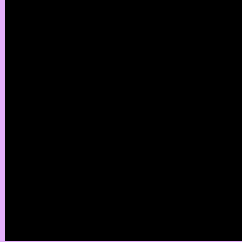
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8930, 0.2980, 0.2500

Background



This preview shows how black text looks on a background with the Yxy color 53.8930, 0.2980, 0.2500.

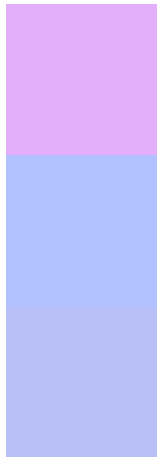


This preview shows how white text looks on a background with the Yxy color 53.8930, 0.2980, 0.2500.

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

53.8930, 0.2980, 0.2500

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.2913, 0.2700, 0.2645



Tritanopia

53.8815, 0.3303, 0.3129

Trichromacy



Original Color

53.8930, 0.2980, 0.2500



Protanomaly

53.8118, 0.2728, 0.2540



Deuteranomaly

53.7546, 0.2794, 0.2585



Tritanomaly

53.6393, 0.3180, 0.2876

Monochromacy



Original Color

53.8930, 0.2980, 0.2500



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4442, 0.3071, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8930, 0.2980, 0.2500 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(227, 175, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 250)  
}
```

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(227, 175, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 250) }
```

Border

The CSS property to change the border of an element to Yxy 53.8930, 0.2980, 0.2500 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(227, 175, 250) }
```

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

```
.border{ border-color:rgb(227, 175, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8930, 0.2980, 0.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 250) }
```

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

```
.background{ background-color: rgb(227,  
175, 250) }
```

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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