

Converting Colors

Yxy(52.8231, 0.3054, 0.2602)

Have a look what the booklet for
Yxy(52.8231, 0.3054, 0.2602)
contains.

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Color

Yxy(53.0017, 0.3061, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFEE
RGB	226, 175, 238
RGB Percent	89%, 69%, 93%
CMY	0.1136, 0.3138, 0.0666
CMYK	0.05, 0.26, 0.00, 0.07
HSL	289°, 65%, 81%
HSV	289°, 26%, 93%
XYZ	62.1364, 53.0017, 87.8557
YIQ	197.4310, 10.1730, 30.4050

Conversions

Conversions Part 2

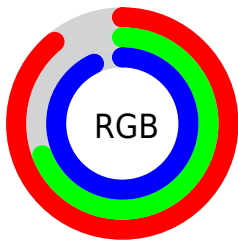
Format	Color
R _Y B	226, 175, 238
Decimal	14856174
CIE _{Lab}	77.88, 29.31, -24.34
CIE _{LCh}	78, 38.100, 320.295
Y _{xy}	53.0017, 0.3061, 0.2611
Android (android.graphics.Color)	4293046254 (0xFFE2AFEE)
YUV	197.4310, 20.0005, 25.0550
Hunter-Lab	72.8023, 24.9450, -20.5879

Details

The Yxy color **53.0017, 0.3061, 0.2611** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.8137, 0.3170, 0.4033**, and the grayscale version is **55.9838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.8425, 0.3035, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **43.8201, 0.3026, 0.2347**, and if you desaturate by 10%, it is **63.8400, 0.3090, 0.2875**.

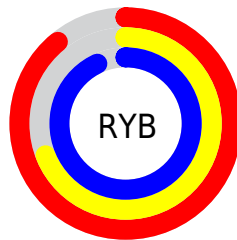
Distribution



Red (89%)

Green (69%)

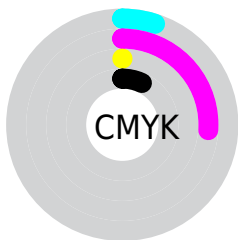
Blue (93%)



Red (89%)

Yellow (69%)

Blue (93%)

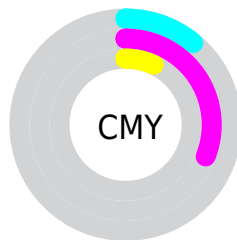


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0017, 0.3061, 0.2611 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 53.0017, 0.3061, 0.2611 by changing the saturation by 10% instead.

 53.0017, 0.3061,
0.2611

 53.0017, 0.3061,
0.2611

398.2916, 0.3100,
0.2925

 37.8041, 0.3050,
0.2540


 94.6069, 0.3076,
0.2719

 25.8307, 0.3036,
0.2452


121.7833, 0.3081,
0.2762

 16.6970, 0.3016,
0.2342


153.7214, 0.3086,
0.2798

 10.0187, 0.2986,
0.2200

190.8056, 0.3090,
0.2830

 5.4114, 0.2941,
0.2009

233.4204, 0.3093,
0.2858

 2.4906, 0.2866,
0.1742

281.9500, 0.3095,

 0.8719, 0.2723,

0.2883

0.1351

336.7790, 0.3098,
0.2905

0.0000, 0.2433,
0.0000

0.0000, 0.0000,
0.0000

53.0017, 0.3061,
0.2611

53.0017, 0.3061,
0.2611

43.8201, 0.3026,
0.2347

63.8400, 0.3090,
0.2875

36.2024, 0.2987,
0.2092

76.4077, 0.3114,
0.3131

30.0572, 0.2942,
0.1857

90.7816, 0.3133,
0.3374

25.2808, 0.2894,
0.1652

96.9507, 0.3157,
0.3457

■ 21.7556, 0.2844,
0.1488

■ 97.7705, 0.3186,
0.3456

■ 19.3442, 0.2793,
0.1368

■ 98.6104, 0.3215,
0.3454

■ 17.8741, 0.2742,
0.1294

■ 98.9540, 0.3226,
0.3454

■ 17.4822, 0.2725,
0.1275

Harmonies

Analogous

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



53.0017, 0.2599, 0.2483



53.0017, 0.3061, 0.2611



53.0017, 0.3581, 0.2887

Triad

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



53.0017, 0.3061, 0.2611



53.0017, 0.4002, 0.4017



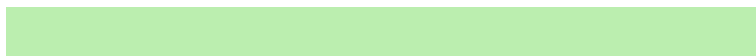
53.0017, 0.2325, 0.3228

Complementary

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



53.0017, 0.3061, 0.2611



74.8137, 0.3170, 0.4033

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.



53.0017, 0.2654, 0.3740



53.0017, 0.3061, 0.2611



53.0017, 0.3622, 0.4210

Square

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



53.0017, 0.3061, 0.2611



53.0017, 0.4148, 0.3662



53.0017, 0.3126, 0.4121



53.0017, 0.2202, 0.2791

Rectangle

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



53.0017, 0.3061, 0.2611



53.0017, 0.3878, 0.3128



53.0017, 0.3126, 0.4121



53.0017, 0.2413, 0.3399

Sweetspot

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



53.0040, 0.3061, 0.2611



86.9399, 0.3111, 0.3092



51.0797, 0.2682, 0.2686



18.1156, 0.3107, 0.3054



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.



53.0040, 0.3061, 0.2611



55.6970, 0.3042, 0.2462



53.9554, 0.3310, 0.2817



15.8708, 0.3107, 0.3055



9.8057, 0.2732, 0.1279



0.8544, 0.2799, 0.1315

Inverse Universe

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



52.4217, 0.3589, 0.3159



54.9710, 0.3725, 0.3129



74.1613, 0.2983, 0.3815



15.8079, 0.3263, 0.3245



10.2617, 0.6100, 0.3134



0.8670, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 53.0017, 0.3061, 0.2611 looks on a white background.

Color Contrast Check

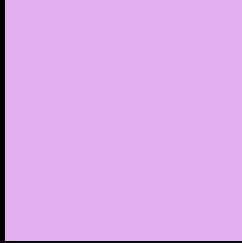
Large Text (above 18pt) WCAG AA × Fail

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 53.0017, 0.3061, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

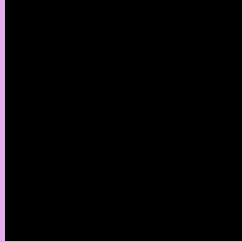
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0017, 0.3061, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 53.0017, 0.3061, 0.2611.

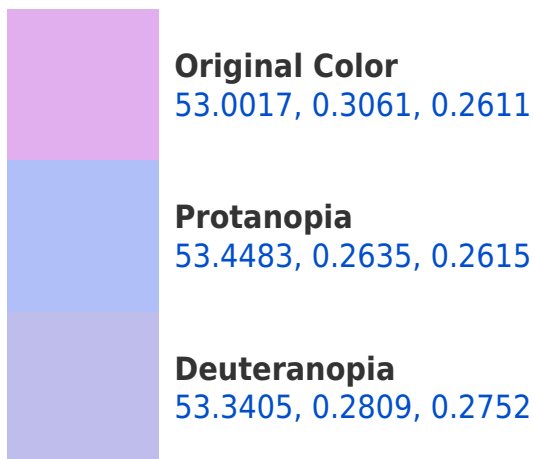


This preview shows how white text looks on a background with the Yxy color 53.0017, 0.3061, 0.2611.

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





Tritanopia

53.1138, 0.3330, 0.3129

Trichromacy



Original Color

53.0017, 0.3061, 0.2611



Protanomaly

52.8926, 0.2777, 0.2607



Deuteranomaly

53.0336, 0.2896, 0.2698



Tritanomaly

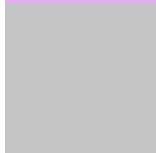
52.9256, 0.3228, 0.2929

Monochromacy



Original Color

53.0017, 0.3061, 0.2611



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5586, 0.3107, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0017, 0.3061, 0.2611 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(226, 175, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 238)  
}
```

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(226, 175, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 238) }
```

Border

The CSS property to change the border of an element to Yxy 53.0017, 0.3061, 0.2611 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(226, 175, 238) }
```

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

```
.border{ border-color:rgb(226, 175, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 175, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 175, 238); box-shadow:4px 4px 4px 4px rgb(226, 175, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0017, 0.3061, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 238) }
```

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

```
.background{ background-color: rgb(226,  
175, 238) }
```

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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