

Converting Colors

$Y_{xy}(53.0333, 0.2933, 0.2669)$

Have a look what the booklet for
Yxy(53.0333, 0.2933, 0.2669)
contains.

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Color

Yxy(53.1256, 0.2934, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	D1B6ED
RGB	209, 182, 237
RGB Percent	82%, 71%, 93%
CMY	0.1803, 0.2863, 0.0705
CMYK	0.12, 0.23, 0.00, 0.07
HSL	269°, 60%, 82%
HSV	269°, 23%, 93%
XYZ	58.3129, 53.1256, 87.3104
YIQ	196.3430, -1.5630, 22.8290

Conversions

Conversions Part 2

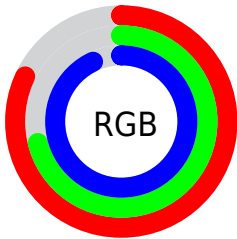
Format	Color
R _Y B	209, 182, 237
Decimal	13743853
CIE Lab	77.95, 19.91, -23.83
CIE LCh	78, 31.049, 309.877
Yxy	53.1256, 0.2934, 0.2673
Android (android.graphics.Color)	4291933933 (0xFFD1B6ED)
YUV	196.3430, 20.0439, 11.1002
Hunter-Lab	72.8873, 15.2548, -20.0013

Details

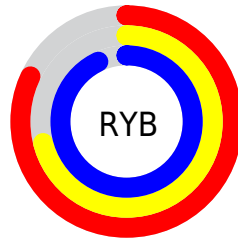
The Yxy color $53.1256, 0.2934, 0.2673$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.6536, 0.3286, 0.3907$, and the grayscale version is $55.2990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $25.9067, 0.2877, 0.2525$ is the 20% darker color. If you saturate the color by 10%, you get $42.5345, 0.2829, 0.2379$, and if you desaturate by 10%, it is $65.4973, 0.3026, 0.2952$.

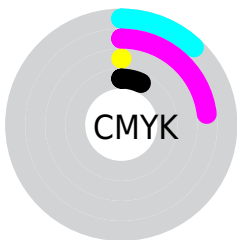
Distribution



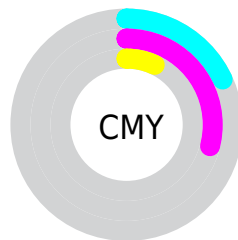
- Red (82%)
- Green (71%)
- Blue (93%)



- Red (82%)
- Yellow (71%)
- Blue (93%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)





- Cyan (18%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1256, 0.2934, 0.2673 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 53.1256, 0.2934, 0.2673 by changing the saturation by 10% instead.

 53.1256, 0.2934,
0.2673

 53.1256, 0.2934,
0.2673

398.7668, 0.3032,
0.2961

 37.9030, 0.2910,
0.2607


 94.7892, 0.2970,
0.2773

 25.9074, 0.2878,
0.2525

121.9990, 0.2983,
0.2812

 16.7544, 0.2837,
0.2421

153.9733, 0.2994,
0.2846

 10.0595, 0.2780,
0.2286

191.0966, 0.3004,
0.2875

 5.4385, 0.2697,
0.2103

233.7531, 0.3012,
0.2900

 2.5067, 0.2568,
0.1843

282.3275, 0.3020,

 0.8800, 0.2343,

0.2923

0.1453

337.2039, 0.3026,
0.2943

0.0000, 0.1532,
0.0000

0.0000, 0.0000,
0.0000

53.1256, 0.2934,
0.2673

53.1256, 0.2934,
0.2673

42.5345, 0.2829,
0.2379

65.4973, 0.3026,
0.2952

33.6315, 0.2712,
0.2078

79.7224, 0.3104,
0.3211

26.3262, 0.2584,
0.1783

95.8781, 0.3171,
0.3448

20.5163, 0.2449,
0.1506

98.8952, 0.3232,
0.3463

■ 16.0874, 0.2314,
0.1265

■ 12.9076, 0.2184,
0.1072

■ 10.8176, 0.2064,
0.0935

■ 9.8559, 0.1991,
0.0870

Harmonies

Analogous

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



53.1256, 0.2589, 0.2619



53.1256, 0.2934, 0.2673



53.1256, 0.3355, 0.2866

Triad

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



53.1256, 0.2934, 0.2673



53.1256, 0.3910, 0.3805



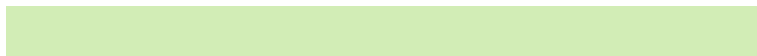
53.1256, 0.2545, 0.3389

Complementary

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



53.1256, 0.2934, 0.2673



77.6536, 0.3286, 0.3907

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.



53.1256, 0.2870, 0.3778



53.1256, 0.2934, 0.2673



53.1256, 0.3662, 0.4009

Square

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



53.1256, 0.2934, 0.2673



53.1256, 0.3941, 0.3493



53.1256, 0.3278, 0.4012



53.1256, 0.2377, 0.2999

Rectangle

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



53.1256, 0.2934, 0.2673



53.1256, 0.3621, 0.3052



53.1256, 0.3278, 0.4012



53.1256, 0.2638, 0.3527

Sweetspot

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



53.1278, 0.2934, 0.2673



87.4530, 0.3076, 0.3115



62.3618, 0.2759, 0.2981



18.4982, 0.3071, 0.3099



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.



53.1278, 0.2934, 0.2673



56.3434, 0.2884, 0.2530



57.4193, 0.3147, 0.2712



14.9121, 0.3057, 0.3052



5.4581, 0.2007, 0.0880



0.4857, 0.2158, 0.0963

Inverse Universe

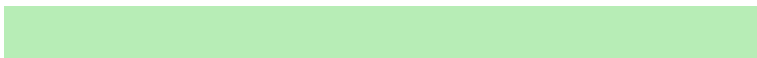
The Inverse Universe completely reimagines the original color for something new.



56.1144, 0.3369, 0.2987



60.5388, 0.3434, 0.2920



74.0098, 0.3102, 0.3943



15.1820, 0.3213, 0.3171



10.6048, 0.4919, 0.2483



0.8522, 0.4618, 0.2317

Previews

White Background



This preview shows how the Yxy color 53.1256, 0.2934, 0.2673 looks on a white background.

Color Contrast Check

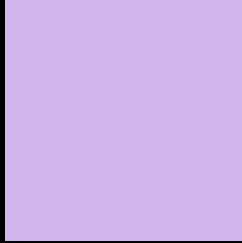
Large Text (above 18pt) WCAG AA × Fail

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 53.1256, 0.2934, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

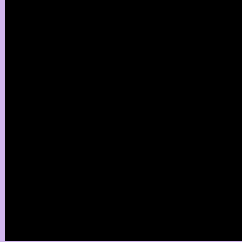
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1256, 0.2934, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 53.1256, 0.2934, 0.2673.



This preview shows how white text looks on a background with the Yxy color 53.1256, 0.2934, 0.2673.

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

53.1256, 0.2934, 0.2673

Protanopia

53.4360, 0.2690, 0.2681

Deuteranopia

53.3985, 0.2802, 0.2742



Tritanopia

53.1156, 0.3144, 0.3112

Trichromacy



Original Color

53.1256, 0.2934, 0.2673

Protanomaly

53.3937, 0.2776, 0.2678

Deuteranomaly

53.0443, 0.2851, 0.2714

Tritanomaly

53.1459, 0.3070, 0.2952

Monochromacy



Original Color

53.1256, 0.2934, 0.2673

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3823, 0.3059, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1256, 0.2934, 0.2673 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(209, 182, 237)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 237)  
}
```

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(209, 182, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 237) }
```

Border

The CSS property to change the border of an element to Yxy 53.1256, 0.2934, 0.2673 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(209, 182, 237) }
```

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

```
.border{ border-color:rgb(209, 182, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1256, 0.2934, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 237) }
```

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

```
.background{ background-color: rgb(209,  
182, 237) }
```

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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