

Converting Colors

$Y_{xy}(43.5746, 0.2932, 0.2634)$

Have a look what the booklet for
Yxy(43.5746, 0.2932, 0.2634)
contains.

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Color

Yxy(43.4150, 0.2926, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	C1A5DC
RGB	193, 165, 220
RGB Percent	76%, 65%, 86%
CMY	0.2429, 0.3530, 0.1373
CMYK	0.12, 0.25, 0.00, 0.14
HSL	271°, 44%, 75%
HSV	271°, 25%, 86%
XYZ	48.3748, 43.4150, 73.5377
YIQ	179.6420, -0.9670, 23.0410

Conversions

Conversions Part 2

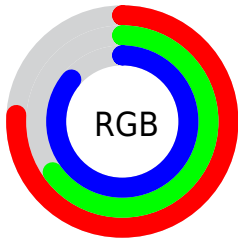
Format	Color
R_{YB}	193, 165, 220
Decimal	12690908
CIE _{Lab}	71.84, 20.60, -24.03
CIE _{LCh}	72, 31.656, 310.606
Yxy	43.4150, 0.2926, 0.2626
Android (android.graphics.Color)	4290880988 (0xFFC1A5DC)
YUV	179.6420, 19.8965, 11.7150
Hunter-Lab	65.8901, 15.7426, -20.0485

Details

The Yxy color $43.4150, 0.2926, 0.2626$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.0984, 0.3289, 0.3957$, and the grayscale version is $45.3353, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7304, 0.3109, 0.2946$, and $20.0158, 0.2861, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $34.7869, 0.2824, 0.2333$, and if you desaturate by 10%, it is $53.5149, 0.3016, 0.2906$.

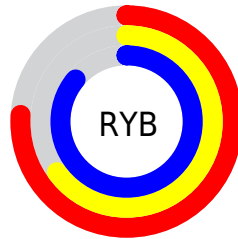
Distribution



Red (76%)

Green (65%)

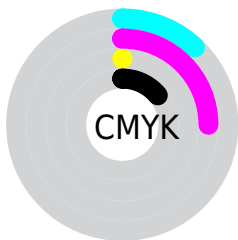
Blue (86%)



Red (76%)

Yellow (65%)

Blue (86%)

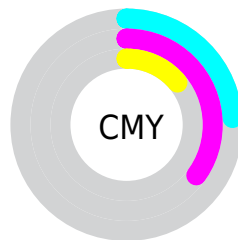


Cyan (12%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (24%)


Magenta (35%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4150, 0.2926, 0.2626 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 43.4150, 0.2926, 0.2626 by changing the saturation by 10% instead.


 43.4150, 0.2926,
0.2626


 43.4150, 0.2926,
0.2626


360.3157, 0.3032,
0.2946

 30.2109, 0.2898,
0.2550


 80.3367, 0.2965,
0.2739

 19.9987, 0.2862,
0.2455


 104.8231, 0.2980,
0.2783

 12.3941, 0.2813,
0.2333


133.8391, 0.2992,
0.2820

 7.0127, 0.2744,
0.2169

167.7689, 0.3002,
0.2852

 3.4700, 0.2638,
0.1942

206.9971, 0.3011,
0.2880

 1.3818, 0.2462,
0.1610

251.9081, 0.3019,

 0.2032, 0.2219,

0.2904

0.0648

302.8861, 0.3026,
0.2926

0.0000, 0.0000,
0.0000

43.4150, 0.2926,
0.2626

43.4150, 0.2926,
0.2626

34.7869, 0.2824,
0.2333

53.5149, 0.3016,
0.2906

27.5530, 0.2709,
0.2036

65.1482, 0.3093,
0.3167

21.6370, 0.2585,
0.1747

78.3794, 0.3158,
0.3407

16.9524, 0.2456,
0.1479

93.2677, 0.3213,
0.3625

13.4024, 0.2325,
0.1249

96.4486, 0.3281,
0.3637

■ 10.8744, 0.2200,
0.1067

■ 97.9471, 0.3334,
0.3631

■ 9.2315, 0.2085,
0.0941

■ 8.6277, 0.2032,
0.0893

Harmonies

Analogous

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



43.4150, 0.2550, 0.2563



43.4150, 0.2926, 0.2626



43.4150, 0.3386, 0.2837

Triad

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



43.4150, 0.2926, 0.2626



43.4150, 0.3976, 0.3853



43.4150, 0.2487, 0.3385

Complementary

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



43.4150, 0.2926, 0.2626



65.0984, 0.3289, 0.3957

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.



43.4150, 0.2835, 0.3816



43.4150, 0.2926, 0.2626



43.4150, 0.3698, 0.4076

Square

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



43.4150, 0.2926, 0.2626



43.4150, 0.4018, 0.3515



43.4150, 0.3277, 0.4078



43.4150, 0.2312, 0.2961

Rectangle

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



43.4150, 0.2926, 0.2626



43.4150, 0.3675, 0.3039



43.4150, 0.3277, 0.4078



43.4150, 0.2587, 0.3537

Sweetspot

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



43.4168, 0.2926, 0.2626



85.8218, 0.3071, 0.3089



51.0806, 0.2731, 0.2943



17.8333, 0.3059, 0.3050



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.



43.4168, 0.2926, 0.2626



54.0932, 0.2874, 0.2474



47.2876, 0.3156, 0.2671



12.9421, 0.3060, 0.3054



5.1302, 0.2048, 0.0902



0.3836, 0.2224, 0.0999

Inverse Universe

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



45.9232, 0.3400, 0.2976



58.2565, 0.3475, 0.2907



61.8988, 0.3094, 0.3998



13.1573, 0.3215, 0.3176



9.5847, 0.4993, 0.2524



0.6383, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 43.4150, 0.2926, 0.2626 looks on a white background.

Color Contrast Check

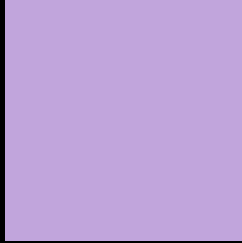
Large Text (above 18pt) WCAG AA × Fail

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 43.4150, 0.2926, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

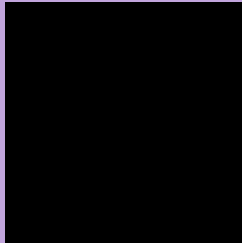
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4150, 0.2926, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 43.4150, 0.2926, 0.2626.



This preview shows how white text looks on a background with the Yxy color 43.4150, 0.2926, 0.2626.

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

43.4150, 0.2926, 0.2626

Protanopia

43.6047, 0.2649, 0.2619

Deuteranopia

43.7198, 0.2775, 0.2720



Tritanopia

43.1934, 0.3154, 0.3109

Trichromacy



Original Color

43.4150, 0.2926, 0.2626

Protanomaly

43.5063, 0.2748, 0.2629

Deuteranomaly

43.5672, 0.2829, 0.2680

Tritanomaly

43.2720, 0.3065, 0.2923

Monochromacy



Original Color

43.4150, 0.2926, 0.2626

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9144, 0.3053, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4150, 0.2926, 0.2626 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(193, 165, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 220)  
}
```

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(193, 165, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 220) }
```

Border

The CSS property to change the border of an element to Yxy 43.4150, 0.2926, 0.2626 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(193, 165, 220) }
```

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

```
.border{ border-color:rgb(193, 165, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 220);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4150, 0.2926, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 220) }
```

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

```
.background{ background-color: rgb(193,  
165, 220) }
```

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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