

Converting Colors

$Y_{xy}(44.9915, 0.2938, 0.2680)$

Have a look what the booklet for
Yxy(44.9915, 0.2938, 0.2680)
contains.

Yxy(45.0126, 0.2935, 0.2677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.0126, 0.2935, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9DC
RGB	194, 169, 220
RGB Percent	76%, 66%, 86%
CMY	0.2392, 0.3372, 0.1373
CMYK	0.12, 0.23, 0.00, 0.14
HSL	269°, 42%, 76%
HSV	269°, 23%, 86%
XYZ	49.3508, 45.0126, 73.7823
YIQ	182.2890, -1.4710, 21.1610

Conversions

Conversions Part 2

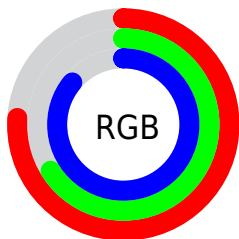
Format	Color
RYB	194, 169, 220
Decimal	12757468
CIELab	72.90, 18.68, -22.39
CIELCh	73, 29.162, 309.839
Yxy	45.0126, 0.2935, 0.2677
Android (android.graphics.Color)	4290947548 (0xFFC2A9DC)
YUV	182.2890, 18.5915, 10.2705
Hunter-Lab	67.0914, 13.8901, -18.2389

Details

The Yxy color $45.0126, 0.2935, 0.2677$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.6418, 0.3285, 0.3903$, and the grayscale version is $46.8426, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0405, 0.3114, 0.2987$, and $21.0146, 0.2875, 0.2521$ is the 20% darker color. If you saturate the color by 10%, you get $36.0777, 0.2830, 0.2384$, and if you desaturate by 10%, it is $55.4402, 0.3026, 0.2955$.

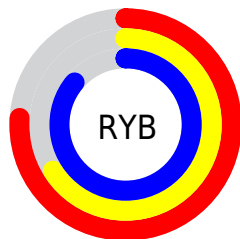
Distribution



Red (76%)

Green (66%)

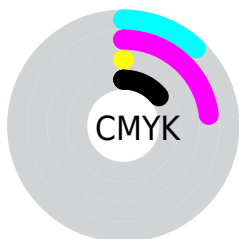
Blue (86%)



Red (76%)

Yellow (66%)

Blue (86%)

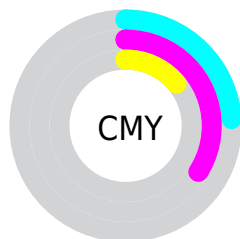


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (24%)


Magenta (34%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0126, 0.2935, 0.2677 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 45.0126, 0.2935, 0.2677 by changing the saturation by 10% instead.


 45.0126, 0.2935,
0.2677

 45.0126, 0.2935,
0.2677


366.8246, 0.3035,
0.2972

 31.4674, 0.2909,
0.2607


 82.7393, 0.2972,
0.2781

 20.9550, 0.2875,
0.2519


 107.6896, 0.2986,
0.2821

 13.0911, 0.2830,
0.2406


137.2103, 0.2997,
0.2856

 7.4913, 0.2766,
0.2256

171.6859, 0.3007,
0.2885

 3.7712, 0.2669,
0.2045

211.5007, 0.3016,
0.2911

 1.5464, 0.2509,
0.1736

257.0392, 0.3023,

 0.3211, 0.2276,

0.2934

0.0960

308.6857, 0.3029,
0.2954

0.0000, 0.0000,
0.0000

45.0126, 0.2935,
0.2677

45.0126, 0.2935,
0.2677

36.0777, 0.2830,
0.2384

55.4402, 0.3026,
0.2955

28.5586, 0.2714,
0.2085

67.4212, 0.3105,
0.3213

22.3797, 0.2586,
0.1790

81.0199, 0.3171,
0.3449

17.4562, 0.2452,
0.1514

95.0114, 0.3229,
0.3643

13.6928, 0.2317,
0.1272

97.0228, 0.3301,
0.3635

■ 10.9803, 0.2187,
0.1077

■ 97.9462, 0.3334,
0.3631

■ 9.1869, 0.2067,
0.0939

■ 8.3439, 0.1993,
0.0872

Harmonies

Analogous

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



45.0126, 0.2592, 0.2624



45.0126, 0.2935, 0.2677



45.0126, 0.3353, 0.2868

Triad

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



45.0126, 0.2935, 0.2677



45.0126, 0.3905, 0.3801



45.0126, 0.2549, 0.3389

Complementary

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



45.0126, 0.2935, 0.2677



65.6418, 0.3285, 0.3903

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.



45.0126, 0.2872, 0.3775



45.0126, 0.2935, 0.2677



45.0126, 0.3658, 0.4003

Square

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



45.0126, 0.2935, 0.2677



45.0126, 0.3935, 0.3491



45.0126, 0.3278, 0.4006



45.0126, 0.2382, 0.3002

Rectangle

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



45.0126, 0.2935, 0.2677



45.0126, 0.3617, 0.3053



45.0126, 0.3278, 0.4006



45.0126, 0.2642, 0.3525

Sweetspot

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



45.0145, 0.2935, 0.2677



87.4500, 0.3076, 0.3115



52.7869, 0.2762, 0.2983



18.4975, 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.



45.0145, 0.2935, 0.2677



56.3331, 0.2884, 0.2530



48.6260, 0.3147, 0.2715



12.9289, 0.3057, 0.3054



4.9640, 0.2009, 0.0880



0.3728, 0.2188, 0.0979

Inverse Universe

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



47.5319, 0.3367, 0.2988



60.5423, 0.3434, 0.2919



62.5709, 0.3103, 0.3938



13.1618, 0.3212, 0.3171



9.6411, 0.4908, 0.2477



0.6420, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 45.0126, 0.2935, 0.2677 looks on a white background.

Color Contrast Check

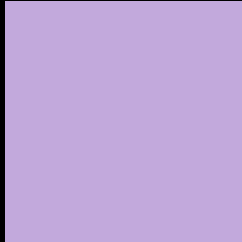
Large Text (above 18pt) WCAG AA × Fail

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 45.0126, 0.2935, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

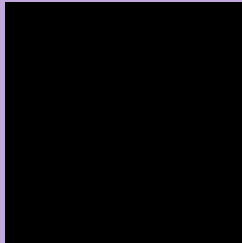
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0126, 0.2935, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 45.0126, 0.2935, 0.2677.



This preview shows how white text looks on a background with the Yxy color 45.0126, 0.2935, 0.2677.

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

45.0126, 0.2935, 0.2677

Protanopia

45.1508, 0.2689, 0.2675

Deuteranopia

45.0045, 0.2801, 0.2739



Tritanopia

45.1096, 0.3144, 0.3124

Trichromacy



Original Color

45.0126, 0.2935, 0.2677

Protanomaly

45.0010, 0.2773, 0.2671

Deuteranomaly

45.0689, 0.2855, 0.2722

Tritanomaly

45.1336, 0.3065, 0.2952

Monochromacy



Original Color

45.0126, 0.2935, 0.2677

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8689, 0.3053, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0126, 0.2935, 0.2677 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(194, 169, 220)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 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(194, 169, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 220) }
```

Border

The CSS property to change the border of an element to Yxy 45.0126, 0.2935, 0.2677 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(194, 169, 220) }
```

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

```
.border{ border-color:rgb(194, 169, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 220);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0126, 0.2935, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 220) }
```

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

```
.background{ background-color: rgb(194,  
169, 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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