

Converting Colors

$Y_{xy}(43.4533, 0.2938, 0.2518)$

Have a look what the booklet for
Yxy(43.4533, 0.2938, 0.2518)
contains.

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Color

Yxy(43.4533, 0.2938, 0.2518)

Conversions

Conversions Part 1

Format	Color
Hex	C9A1E3
RGB	201, 161, 227
RGB Percent	79%, 63%, 89%
CMY	0.2118, 0.3686, 0.1096
CMYK	0.11, 0.29, 0.00, 0.11
HSL	276°, 54%, 76%
HSV	276°, 29%, 89%
XYZ	50.7013, 43.4533, 78.4161
YIQ	180.4840, 2.6540, 29.0060

Conversions

Conversions Part 2

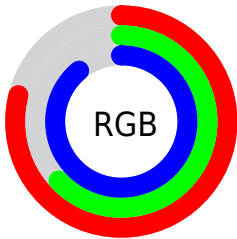
Format	Color
R _Y B	201, 161, 227
Decimal	13214179
CIE Lab	71.86, 26.79, -27.79
CIE LCh	72, 38.599, 313.956
Yxy	43.4533, 0.2938, 0.2518
Android (android.graphics.Color)	4291404259 (0xFFC9A1E3)
YUV	180.4840, 22.9324, 17.9925
Hunter-Lab	65.9191, 21.9337, -24.3869

Details

The Yxy color **43.4533, 0.2938, 0.2518** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.1027, 0.3268, 0.4090**, and the grayscale version is **45.7901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **19.9885, 0.2877, 0.2331** is the 20% darker color. If you saturate the color by 10%, you get **35.0227, 0.2853, 0.2232**, and if you desaturate by 10%, it is **53.4005, 0.3013, 0.2797**.

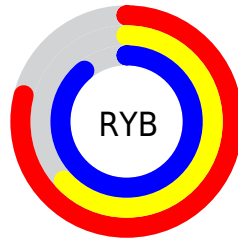
Distribution



Red (79%)

Green (63%)

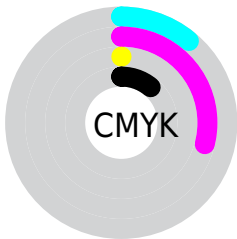
Blue (89%)



Red (79%)

Yellow (63%)

Blue (89%)

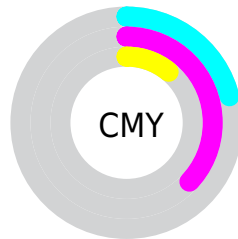


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (21%)


Magenta (37%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4533, 0.2938, 0.2518 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 43.4533, 0.2938, 0.2518 by changing the saturation by 10% instead.


 43.4533, 0.2938,
0.2518


 43.4533, 0.2938,
0.2518


360.4727, 0.3040,
0.2885

 30.2409, 0.2911,
0.2432


 80.3945, 0.2976,
0.2647

 20.0215, 0.2875,
0.2326

 104.8921, 0.2990,
0.2697

 12.4107, 0.2827,
0.2190


133.9202, 0.3002,
0.2739

 7.0240, 0.2758,
0.2011

167.8632, 0.3012,
0.2776

 3.4771, 0.2652,
0.1768

207.1056, 0.3020,
0.2809

 1.3856, 0.2477,
0.1424

252.0317, 0.3028,

 0.2061, 0.2241,

0.2837

0.0543

303.0259, 0.3034,
0.2862

0.0000, 0.0000,
0.0000

43.4533, 0.2938,
0.2518

43.4533, 0.2938,
0.2518

35.0227, 0.2853,
0.2232

53.4005, 0.3013,
0.2797

28.0240, 0.2758,
0.1951

64.9322, 0.3077,
0.3064

22.3723, 0.2655,
0.1685

78.1187, 0.3132,
0.3312

17.9714, 0.2549,
0.1448

93.0244, 0.3177,
0.3540

14.7116, 0.2441,
0.1253

96.6178, 0.3232,
0.3566

■ 12.4636, 0.2338,
0.1108

■ 98.2738, 0.3289,
0.3562

■ 11.0251, 0.2241,
0.1012

■ 98.3282, 0.3291,
0.3561

■ 10.9105, 0.2233,
0.1004

Harmonies

Analogous

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



43.4533, 0.2472, 0.2418



43.4533, 0.2938, 0.2518



43.4533, 0.3501, 0.2783

Triad

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



43.4533, 0.2938, 0.2518



43.4533, 0.4129, 0.3997



43.4533, 0.2320, 0.3336

Complementary

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



43.4533, 0.2938, 0.2518



68.1027, 0.3268, 0.4090

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.



43.4533, 0.2712, 0.3888



43.4533, 0.2938, 0.2518



43.4533, 0.3759, 0.4262

Square

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



43.4533, 0.2938, 0.2518



43.4533, 0.4224, 0.3594



43.4533, 0.3238, 0.4245



43.4533, 0.2142, 0.2832

Rectangle

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



43.4533, 0.2938, 0.2518



43.4533, 0.3847, 0.3027



43.4533, 0.3238, 0.4245



43.4533, 0.2429, 0.3526

Sweetspot

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



43.4551, 0.2938, 0.2518



84.5453, 0.3077, 0.3064



48.8423, 0.2654, 0.2792



17.5973, 0.3069, 0.3026



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.



43.4551, 0.2938, 0.2518



49.5875, 0.2887, 0.2343



47.0171, 0.3217, 0.2634



14.3168, 0.3075, 0.3054



6.4300, 0.2247, 0.1011



0.5286, 0.2385, 0.1088

Inverse Universe

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



45.4162, 0.3518, 0.2992



52.6559, 0.3632, 0.2926



65.3492, 0.3048, 0.4048



14.4617, 0.3231, 0.3198



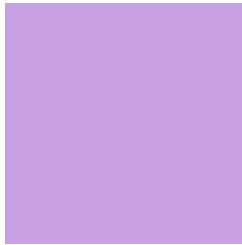
9.9713, 0.5395, 0.2746



0.7547, 0.5006, 0.2532

Previews

White Background



This preview shows how the Yxy color 43.4533, 0.2938, 0.2518 looks on a white background.

Color Contrast Check

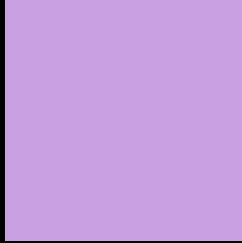
Large Text (above 18pt) WCAG AA × Fail

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 43.4533, 0.2938, 0.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

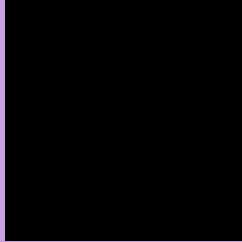
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4533, 0.2938, 0.2518

Background



This preview shows how black text looks on a background with the Yxy color 43.4533, 0.2938, 0.2518.



This preview shows how white text looks on a background with the Yxy color 43.4533, 0.2938, 0.2518.

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

43.4533, 0.2938, 0.2518

Protanopia

43.7575, 0.2560, 0.2505

Deuteranopia

43.6482, 0.2698, 0.2635



Tritanopia

43.2642, 0.3236, 0.3112

Trichromacy



Original Color

43.4533, 0.2938, 0.2518

Protanomaly

43.2578, 0.2685, 0.2506

Deuteranomaly

43.5702, 0.2779, 0.2590

Tritanomaly

43.2663, 0.3128, 0.2882

Monochromacy



Original Color

43.4533, 0.2938, 0.2518

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6097, 0.3063, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4533, 0.2938, 0.2518 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(201, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 227)  
}
```

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(201, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 227) }
```

Border

The CSS property to change the border of an element to Yxy 43.4533, 0.2938, 0.2518 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(201, 161, 227) }
```

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

```
.border{ border-color:rgb(201, 161, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4533, 0.2938, 0.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 227) }
```

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

```
.background{ background-color: rgb(201,  
161, 227) }
```

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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