

Converting Colors

$Yxy(35.0478, 0.2921, 0.2465)$

Have a look what the booklet for
Yxy(35.0478, 0.2921, 0.2465)
contains.

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Color

Yxy(35.0943, 0.2921, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	B891D2
RGB	184, 145, 210
RGB Percent	72%, 57%, 82%
CMY	0.2782, 0.4314, 0.1764
CMYK	0.12, 0.31, 0.00, 0.18
HSL	276°, 42%, 70%
HSV	276°, 31%, 82%
XYZ	41.5358, 35.0943, 65.5672
YIQ	164.0710, 2.3790, 28.4830

Conversions

Conversions Part 2

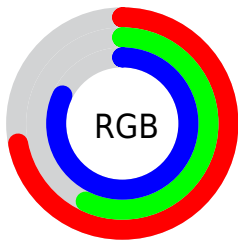
Format	Color
RYB	184, 145, 210
Decimal	12095954
CIELab	65.82, 26.75, -27.82
CIELCh	66, 38.592, 313.877
Yxy	35.0943, 0.2921, 0.2468
Android (android.graphics.Color)	4290286034 (0xFFB891D2)
YUV	164.0710, 22.6430, 17.4777
Hunter-Lab	59.2404, 21.4827, -24.1537

Details

The Yxy color **35.0943, 0.2921, 0.2468** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.7964, 0.3278, 0.4142**, and the grayscale version is **37.0519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7676, 0.3050, 0.2724**, and **15.1178, 0.2848, 0.2251** is the 20% darker color. If you saturate the color by 10%, you get **28.2555, 0.2833, 0.2183**, and if you desaturate by 10%, it is **43.1836, 0.2998, 0.2748**.

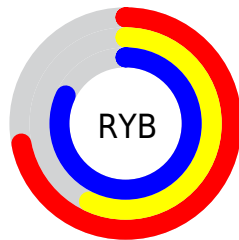
Distribution



Red (72%)

Green (57%)

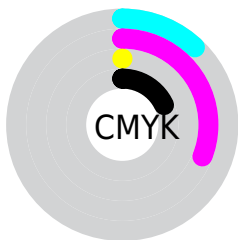
Blue (82%)



Red (72%)

Yellow (57%)

Blue (82%)

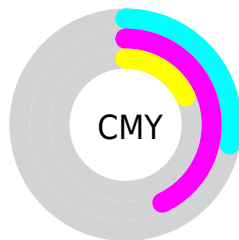


Cyan (12%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (28%)


Magenta (43%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0943, 0.2921, 0.2468 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 35.0943, 0.2921, 0.2468 by changing the saturation by 10% instead.


 35.0943, 0.2921,
0.2468


 35.0943, 0.2921,
0.2468


324.9844, 0.3036,
0.2872

 23.7355, 0.2889,
0.2370


 67.6318, 0.2965,
0.2612

 15.1375, 0.2846,
0.2247


 89.5794, 0.2981,
0.2667

 8.9160, 0.2786,
0.2088


115.8253, 0.2994,
0.2714

 4.6864, 0.2697,
0.1874

146.7540, 0.3005,
0.2754

 2.0645, 0.2555,
0.1575

182.7498, 0.3015,
0.2789

 0.6445, 0.2312,
0.1111

224.1973, 0.3023,


 0.0000, 0.1228,


0.2820


0.0000


271.4806, 0.3030,
0.2847

 0.0000, 0.0000,
0.0000

 35.0943, 0.2921,
0.2468


 35.0943, 0.2921,
0.2468


 28.2555, 0.2833,
0.2183


 43.1836, 0.2998,
0.2748


 22.5964, 0.2736,
0.1904


 52.5806, 0.3065,
0.3016


 18.0456, 0.2632,
0.1642


 63.3441, 0.3122,
0.3267

 14.5217, 0.2524,
0.1411


 75.5279, 0.3170,
0.3498


 11.9320, 0.2416,
0.1223


 89.1829, 0.3209,
0.3708


 10.1662, 0.2313,
0.1086

 93.7271, 0.3258,
0.3750

 9.1026, 0.2226,
0.1000

 95.1829, 0.3313,
0.3742

 96.7069, 0.3368,
0.3734

 97.4339, 0.3394,
0.3730

Harmonies

Analogous

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



35.0943, 0.2426, 0.2362



35.0943, 0.2921, 0.2468



35.0943, 0.3525, 0.2748

Triad

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



35.0943, 0.2921, 0.2468



35.0943, 0.4199, 0.4039



35.0943, 0.2265, 0.3338

Complementary

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



35.0943, 0.2921, 0.2468



56.7964, 0.3278, 0.4142

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.



35.0943, 0.2681, 0.3937



35.0943, 0.2921, 0.2468



35.0943, 0.3801, 0.4331

Square

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



35.0943, 0.2921, 0.2468



35.0943, 0.4304, 0.3606



35.0943, 0.3243, 0.4322



35.0943, 0.2077, 0.2797

Rectangle

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



35.0943, 0.2921, 0.2468



35.0943, 0.3899, 0.3006



35.0943, 0.3243, 0.4322



35.0943, 0.2381, 0.3543

Sweetspot

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



35.0958, 0.2921, 0.2468



84.5249, 0.3077, 0.3064



39.7959, 0.2624, 0.2757



17.5922, 0.3068, 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.



35.0958, 0.2921, 0.2468



47.3903, 0.2866, 0.2284



38.2853, 0.3223, 0.2595



11.7638, 0.3075, 0.3056



5.6114, 0.2239, 0.1007



0.3592, 0.2416, 0.1104

Inverse Universe

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



36.8872, 0.3546, 0.2969



50.7194, 0.3668, 0.2900



54.3691, 0.3044, 0.4101



11.8853, 0.3229, 0.3198



8.7653, 0.5365, 0.2729



0.5056, 0.4879, 0.2461

Previews

White Background



This preview shows how the Yxy color 35.0943, 0.2921, 0.2468 looks on a white background.

Color Contrast Check

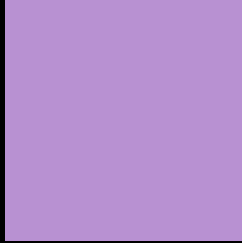
Large Text (above 18pt) WCAG AA × Fail

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 35.0943, 0.2921, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

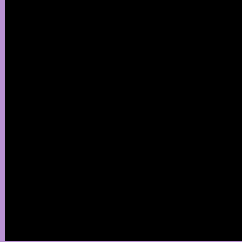
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0943, 0.2921, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 35.0943, 0.2921, 0.2468.



This preview shows how white text looks on a background with the Yxy color 35.0943, 0.2921, 0.2468.

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

35.0943, 0.2921, 0.2468

Protanopia

35.3718, 0.2516, 0.2451

Deuteranopia

35.1520, 0.2654, 0.2590



Tritanopia

35.2115, 0.3244, 0.3124

Trichromacy



Original Color

35.0943, 0.2921, 0.2468

Protanomaly

34.9084, 0.2648, 0.2453

Deuteranomaly

35.0673, 0.2740, 0.2542

Tritanomaly

35.2139, 0.3127, 0.2873

Monochromacy



Original Color

35.0943, 0.2921, 0.2468

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1081, 0.3048, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0943, 0.2921, 0.2468 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(184, 145, 210)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 210)  
}
```

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(184, 145, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 210) }
```

Border

The CSS property to change the border of an element to Yxy 35.0943, 0.2921, 0.2468 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(184, 145, 210) }
```

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

```
.border{ border-color:rgb(184, 145, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 210);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0943, 0.2921, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 210) }
```

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

```
.background{ background-color: rgb(184,  
145, 210) }
```

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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