

Converting Colors

$Yxy(36.6492, 0.2959, 0.2505)$

Have a look what the booklet for
Yxy(36.6492, 0.2959, 0.2505)
contains.

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Color

Yxy(36.7018, 0.2959, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	BD94D3
RGB	189, 148, 211
RGB Percent	74%, 58%, 83%
CMY	0.2587, 0.4196, 0.1726
CMYK	0.10, 0.30, 0.00, 0.17
HSL	279°, 42%, 70%
HSV	279°, 30%, 83%
XYZ	43.3362, 36.7018, 66.4177
YIQ	167.4410, 4.2130, 28.2850

Conversions

Conversions Part 2

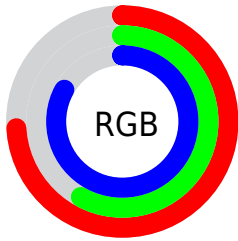
Format	Color
R_{YB}	189, 148, 211
Decimal	12424403
CIE _{Lab}	67.05, 26.85, -26.42
CIE _{LCh}	67, 37.670, 315.458
Yxy	36.7018, 0.2959, 0.2506
Android (android.graphics.Color)	4290614483 (0xFFBD94D3)
YUV	167.4410, 21.4746, 18.9072
Hunter-Lab	60.5820, 21.6682, -22.5938

Details

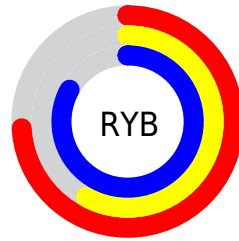
The Yxy color **36.7018, 0.2959, 0.2506** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.2608, 0.3249, 0.4115**, and the grayscale version is **38.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0539, 0.3086, 0.2761**, and **16.1006, 0.2901, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **29.7597, 0.2884, 0.2227**, and if you desaturate by 10%, it is **44.9010, 0.3024, 0.2781**.

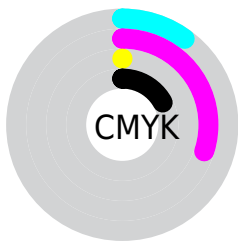
Distribution



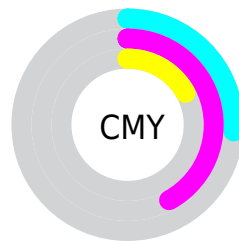
- Red (74%)
- Green (58%)
- Blue (83%)



- Red (74%)
- Yellow (58%)
- Blue (83%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)




- Cyan (26%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7018, 0.2959, 0.2506 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 36.7018, 0.2959, 0.2506 by changing the saturation by 10% instead.


 36.7018, 0.2959,
0.2506


 36.7018, 0.2959,
0.2506

332.0177, 0.3053,
0.2889

 24.9767, 0.2933,
0.2414


 70.1139, 0.2995,
0.2643

 16.0597, 0.2897,
0.2298


 92.5697, 0.3009,
0.2695

 9.5664, 0.2847,
0.2147


119.3712, 0.3019,
0.2739

 5.1124, 0.2773,
0.1945

150.9027, 0.3028,
0.2777

 2.3134, 0.2655,
0.1664

187.5488, 0.3036,
0.2811

 0.7808, 0.2445,
0.1249

229.6937, 0.3043,

 0.0000, 0.1780,

0.2840

0.0000

277.7218, 0.3048,
0.2866

0.0000, 0.0000,
0.0000

36.7018, 0.2959,
0.2506

36.7018, 0.2959,
0.2506

29.7597, 0.2884,
0.2227

44.9010, 0.3024,
0.2781

24.0037, 0.2801,
0.1954

54.4140, 0.3081,
0.3045

19.3630, 0.2711,
0.1699

65.2996, 0.3128,
0.3294

15.7567, 0.2617,
0.1474

77.6115, 0.3167,
0.3523

13.0929, 0.2522,
0.1290

91.4007, 0.3199,
0.3733

■ 11.2628, 0.2430,
0.1155

■ 93.5735, 0.3245,
0.3741

■ 10.0719, 0.2342,
0.1064

■ 94.8388, 0.3293,
0.3734

■ 10.0561, 0.2341,
0.1063

■ 96.1563, 0.3341,
0.3727

■ 97.4824, 0.3388,
0.3721

Harmonies

Analogous

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



36.7018, 0.2472, 0.2394



36.7018, 0.2959, 0.2506



36.7018, 0.3541, 0.2785

Triad

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



36.7018, 0.2959, 0.2506



36.7018, 0.4147, 0.4034



36.7018, 0.2281, 0.3307

Complementary

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



36.7018, 0.2959, 0.2506



57.2608, 0.3249, 0.4115

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.



36.7018, 0.2674, 0.3883



36.7018, 0.2959, 0.2506



36.7018, 0.3753, 0.4300

Square

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



36.7018, 0.2959, 0.2506



36.7018, 0.4263, 0.3622



36.7018, 0.3211, 0.4269



36.7018, 0.2110, 0.2794

Rectangle

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



36.7018, 0.2959, 0.2506



36.7018, 0.3894, 0.3039



36.7018, 0.3211, 0.4269



36.7018, 0.2389, 0.3503

Sweetspot

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



36.7033, 0.2959, 0.2506



84.7351, 0.3084, 0.3065



39.7640, 0.2638, 0.2735



17.6441, 0.3077, 0.3027



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.



36.7033, 0.2959, 0.2506



49.1719, 0.2911, 0.2323



39.2683, 0.3248, 0.2654



11.7942, 0.3083, 0.3057



6.1288, 0.2353, 0.1070



0.3859, 0.2513, 0.1158

Inverse Universe

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



37.9267, 0.3559, 0.3020



51.4751, 0.3692, 0.2958



55.3264, 0.3027, 0.4023



11.8753, 0.3237, 0.3209



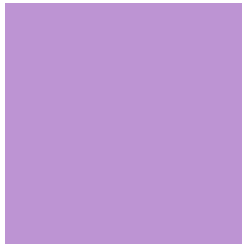
8.6703, 0.5565, 0.2839



0.4996, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 36.7018, 0.2959, 0.2506 looks on a white background.

Color Contrast Check

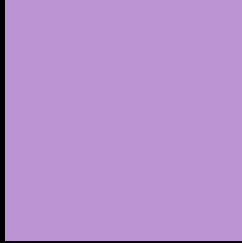
Large Text (above 18pt) WCAG AA × Fail

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 36.7018, 0.2959, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

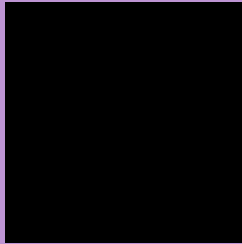
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7018, 0.2959, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 36.7018, 0.2959, 0.2506.



This preview shows how white text looks on a background with the Yxy color 36.7018, 0.2959, 0.2506.

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

36.7018, 0.2959, 0.2506

Protanopia

36.8212, 0.2544, 0.2488

Deuteranopia

36.8130, 0.2699, 0.2629



Tritanopia

36.5492, 0.3272, 0.3127

Trichromacy



Original Color

36.7018, 0.2959, 0.2506

Protanomaly

36.4681, 0.2685, 0.2491

Deuteranomaly

36.7549, 0.2786, 0.2581

Tritanomaly

36.5574, 0.3156, 0.2881

Monochromacy



Original Color

36.7018, 0.2959, 0.2506

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6745, 0.3067, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7018, 0.2959, 0.2506 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(189, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 148, 211)  
}
```

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(189, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 148, 211) }
```

Border

The CSS property to change the border of an element to Yxy 36.7018, 0.2959, 0.2506 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(189, 148, 211) }
```

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

```
.border{ border-color:rgb(189, 148, 211) }
```

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

Here you see how a box with a 4 pixel rgb(189, 148, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 148, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 148, 211);  
box-shadow:4px 4px 4px 4px rgb(189, 148,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7018, 0.2959, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 148, 211) }
```

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

```
.background{ background-color: rgb(189,  
148, 211) }
```

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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