

Converting Colors

$Y_{xy}(36.6443, 0.3064, 0.2531)$

Have a look what the booklet for
Yxy(36.6443, 0.3064, 0.2531)
contains.

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Color

Yxy(36.6261, 0.3067, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	C591CF
RGB	197, 145, 207
RGB Percent	77%, 57%, 81%
CMY	0.2274, 0.4314, 0.1881
CMYK	0.05, 0.30, 0.00, 0.19
HSL	290°, 39%, 69%
HSV	290°, 30%, 81%
XYZ	44.4177, 36.6261, 63.7807
YIQ	167.6160, 11.0900, 30.3060

Conversions

Conversions Part 2

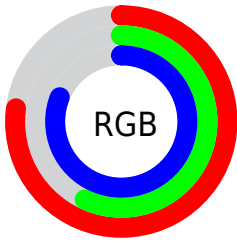
Format	Color
R_{YB}	197, 145, 207
Decimal	12947919
CIE _{Lab}	67.00, 30.27, -24.25
CIE _{LCh}	67, 38.784, 321.305
Yxy	36.6261, 0.3067, 0.2529
Android (android.graphics.Color)	4291137999 (0xFFC591CF)
YUV	167.6160, 19.4163, 25.7698
Hunter-Lab	60.5195, 25.0991, -20.1213

Details

The Yxy color **36.6261, 0.3067, 0.2529** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6571, 0.3160, 0.4140**, and the grayscale version is **38.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1377, 0.3145, 0.2741**, and **16.0232, 0.3038, 0.2337** is the 20% darker color. If you saturate the color by 10%, you get **30.4200, 0.3038, 0.2272**, and if you desaturate by 10%, it is **43.9983, 0.3091, 0.2789**.

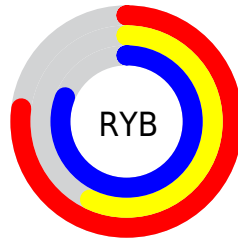
Distribution



Red (77%)

Green (57%)

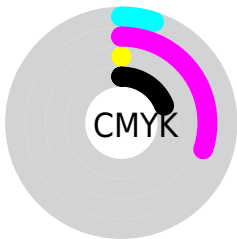
Blue (81%)



Red (77%)

Yellow (57%)

Blue (81%)

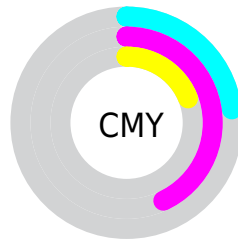


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (19%)



Cyan (23%)


Magenta (43%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6261, 0.3067, 0.2529 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 36.6261, 0.3067, 0.2529 by changing the saturation by 10% instead.


 36.6261, 0.3067,
0.2529


 36.6261, 0.3067,
0.2529


331.6889, 0.3107,
0.2901

 24.9181, 0.3054,
0.2439


 69.9973, 0.3083,
0.2662

 16.0161, 0.3036,
0.2327


 92.4294, 0.3089,
0.2712

 9.5355, 0.3010,
0.2180


119.2050, 0.3093,
0.2755

 5.0921, 0.2968,
0.1984

150.7084, 0.3097,
0.2792

 2.3014, 0.2896,
0.1708

187.3241, 0.3100,
0.2825

 0.7745, 0.2758,
0.1297

229.4365, 0.3103,


 0.0000, 0.2343,


0.2853

0.0000


277.4300, 0.3105,
0.2878


 0.0000, 0.0000,
0.0000

 36.6261, 0.3067,
0.2529

 36.6261, 0.3067,
0.2529

 30.4200, 0.3038,
0.2272


 43.9983, 0.3091,
0.2789


 25.3124, 0.3005,
0.2029


 52.5898, 0.3111,
0.3045


 21.2363, 0.2968,
0.1809

 62.4563, 0.3127,
0.3291

 18.1152, 0.2927,
0.1623

 73.6487, 0.3139,
0.3522

 15.8618, 0.2885,
0.1478

 86.2149, 0.3149,
0.3737

■ 14.3730, 0.2843,
0.1378

■ 90.7914, 0.3165,
0.3798

■ 13.4585, 0.2800,
0.1317

■ 91.3098, 0.3186,
0.3795

■ 13.4555, 0.2800,
0.1316

■ 91.8386, 0.3208,
0.3792

■ 92.3780, 0.3229,
0.3788

Harmonies

Analogous

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



36.6261, 0.2537, 0.2377



36.6261, 0.3067, 0.2529



36.6261, 0.3667, 0.2842

Triad

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



36.6261, 0.3067, 0.2529



36.6261, 0.4115, 0.4123



36.6261, 0.2204, 0.3191

Complementary

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



36.6261, 0.3067, 0.2529



53.6571, 0.3160, 0.4140

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.



36.6261, 0.2565, 0.3792



36.6261, 0.3067, 0.2529



36.6261, 0.3667, 0.4353

Square

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



36.6261, 0.3067, 0.2529



36.6261, 0.4300, 0.3716



36.6261, 0.3099, 0.4250



36.6261, 0.2078, 0.2698

Rectangle

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



36.6261, 0.3067, 0.2529



36.6261, 0.4008, 0.3114



36.6261, 0.3099, 0.4250



36.6261, 0.2300, 0.3390

Sweetspot

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



36.6277, 0.3067, 0.2529



85.5245, 0.3113, 0.3067



34.0811, 0.2618, 0.2570



17.8394, 0.3110, 0.3030



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.



36.6277, 0.3067, 0.2529



52.0388, 0.3049, 0.2362



37.0805, 0.3358, 0.2782



11.9083, 0.3112, 0.3059



8.5093, 0.2806, 0.1320



0.5023, 0.2884, 0.1363

Inverse Universe

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



35.8877, 0.3684, 0.3164



50.7414, 0.3857, 0.3136



53.4026, 0.2953, 0.3861



11.8390, 0.3265, 0.3253



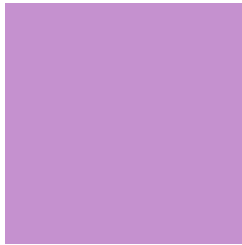
8.4379, 0.6155, 0.3165



0.4818, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 36.6261, 0.3067, 0.2529 looks on a white background.

Color Contrast Check

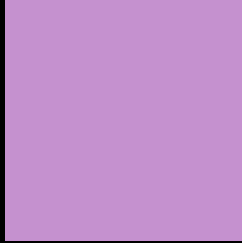
Large Text (above 18pt) WCAG AA × Fail

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 36.6261, 0.3067, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

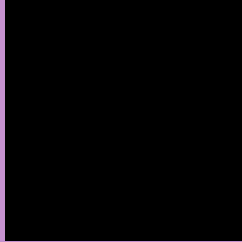
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6261, 0.3067, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 36.6261, 0.3067, 0.2529.



This preview shows how white text looks on a background with the Yxy color 36.6261, 0.3067, 0.2529.

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

36.6261, 0.3067, 0.2529

Protanopia

36.8073, 0.2564, 0.2512

Deuteranopia

36.7703, 0.2751, 0.2692



Tritanopia

36.5754, 0.3396, 0.3131

Trichromacy



Original Color

36.6261, 0.3067, 0.2529

Protanomaly

36.3483, 0.2723, 0.2505

Deuteranomaly

36.6211, 0.2858, 0.2633

Tritanomaly

36.4454, 0.3274, 0.2901

Monochromacy



Original Color

36.6261, 0.3067, 0.2529

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1027, 0.3113, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6261, 0.3067, 0.2529 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(197, 145, 207)` looks like.

```
.text, #text, p{  
    color:rgb(197, 145, 207)  
}
```

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(197, 145, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 145, 207) }
```

Border

The CSS property to change the border of an element to Yxy 36.6261, 0.3067, 0.2529 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(197, 145, 207) }
```

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

```
.border{ border-color:rgb(197, 145, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 145, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 145,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6261, 0.3067, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 145, 207) }
```

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

```
.background{ background-color: rgb(197,  
145, 207) }
```

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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