

Converting Colors

$Y_{xy}(35.9469, 0.3052, 0.2917)$

Have a look what the booklet for
Yxy(35.9469, 0.3052, 0.2917)
contains.

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Color

Yxy(36.0801, 0.3049, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	AD9CB7
RGB	173, 156, 183
RGB Percent	68%, 61%, 72%
CMY	0.3218, 0.3882, 0.2824
CMYK	0.05, 0.15, 0.00, 0.28
HSL	278°, 16%, 66%
HSV	278°, 15%, 72%
XYZ	37.6612, 36.0801, 49.7784
YIQ	164.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

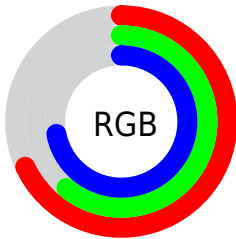
Format	Color
R _{YB}	173, 156, 183
Decimal	11377847
CIE _{Lab}	66.58, 11.29, -11.69
CIE _{LCh}	67, 16.253, 314.004
Yxy	36.0801, 0.3049, 0.2921
Android (android.graphics.Color)	4289567927 (0xFFAD9CB7)
YUV	164.1610, 9.2876, 7.7518
Hunter-Lab	60.0667, 6.8007, -7.0881

Details

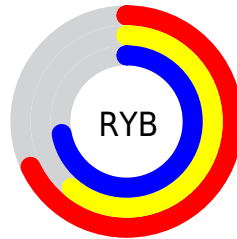
The Yxy color **36.0801, 0.3049, 0.2921** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3824, 0.3195, 0.3666**, and the grayscale version is **37.1578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4785, 0.3069, 0.2995**, and **15.7798, 0.3029, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **29.6376, 0.2984, 0.2652**, and if you desaturate by 10%, it is **43.4906, 0.3104, 0.3175**.

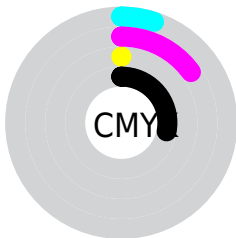
Distribution



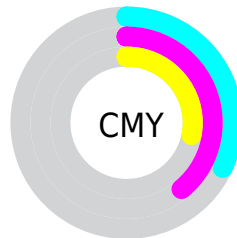
- Red (68%)
- Green (61%)
- Blue (72%)



- Red (68%)
- Yellow (61%)
- Blue (72%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)





- Cyan (32%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0801, 0.3049, 0.2921 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 36.0801, 0.3049, 0.2921 by changing the saturation by 10% instead.


 36.0801, 0.3049,
0.2921


 36.0801, 0.3049,
0.2921


329.3105, 0.3091,
0.3109

 24.4961, 0.3037,
0.2873


 69.1557, 0.3065,
0.2990

 15.7020, 0.3022,
0.2811


 91.4160, 0.3071,
0.3016

 9.3135, 0.2999,
0.2727


118.0039, 0.3076,
0.3037

 4.9463, 0.2966,
0.2609

149.3037, 0.3080,
0.3056

 2.2158, 0.2910,
0.2428

185.6999, 0.3083,
0.3072

 0.7286, 0.2809,
0.2100

227.5769, 0.3086,

 0.0000, 0.0000,

0.3086

0.0000

275.3189, 0.3089,
0.3098

■ 36.0801, 0.3049,
0.2921

■ 36.0801, 0.3049,
0.2921

■ 29.6376, 0.2984,
0.2652

■ 43.4906, 0.3104,
0.3175

■ 24.1168, 0.2910,
0.2374

■ 51.9037, 0.3150,
0.3412

■ 19.4741, 0.2826,
0.2096

■ 61.3581, 0.3189,
0.3629

■ 15.6607, 0.2734,
0.1828

■ 71.8887, 0.3220,
0.3826

■ 12.6229, 0.2637,
0.1582

■ 83.5292, 0.3246,
0.4004

10.3005, 0.2536,
0.1371

89.2118, 0.3281,
0.4066

8.6240, 0.2437,
0.1204

90.2578, 0.3325,
0.4055

7.5094, 0.2342,
0.1087

91.3473, 0.3370,
0.4044

7.0532, 0.2294,
0.1037

92.4807, 0.3416,
0.4033

Harmonies

Analogous

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



36.0801, 0.2827, 0.2878



36.0801, 0.3049, 0.2921



36.0801, 0.3300, 0.3052

Triad

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



36.0801, 0.3049, 0.2921



36.0801, 0.3582, 0.3630



36.0801, 0.2755, 0.3321

Complementary

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



36.0801, 0.3049, 0.2921



44.3824, 0.3195, 0.3666

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.



36.0801, 0.2946, 0.3546



36.0801, 0.3049, 0.2921



36.0801, 0.3424, 0.3724

Square

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



36.0801, 0.3049, 0.2921



36.0801, 0.3615, 0.3452



36.0801, 0.3190, 0.3697



36.0801, 0.2663, 0.3097

Rectangle

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



36.0801, 0.3049, 0.2921



36.0801, 0.3449, 0.3175



36.0801, 0.3190, 0.3697



36.0801, 0.2810, 0.3400

Sweetspot

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



36.0816, 0.3049, 0.2921



78.8530, 0.3108, 0.3192



37.8935, 0.2899, 0.3054



17.1798, 0.3104, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0816, 0.3049, 0.2921



60.3249, 0.3027, 0.2827



37.1405, 0.3172, 0.2972



8.9911, 0.3080, 0.3061



4.9606, 0.2305, 0.1043



0.2089, 0.2542, 0.1174

Inverse Universe

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



36.6069, 0.3300, 0.3154



61.4915, 0.3350, 0.3119



43.4461, 0.3085, 0.3630



9.0661, 0.3231, 0.3205



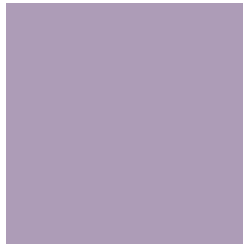
7.3279, 0.5457, 0.2780



0.2705, 0.4749, 0.2390

Previews

White Background



This preview shows how the Yxy color 36.0801, 0.3049, 0.2921 looks on a white background.

Color Contrast Check

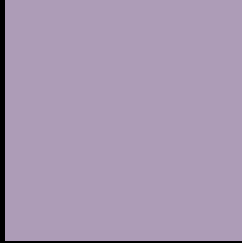
Large Text (above 18pt) WCAG AA × Fail

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 36.0801, 0.3049, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

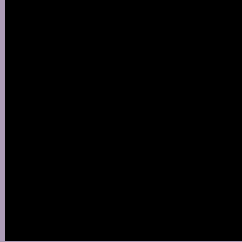
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0801, 0.3049, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 36.0801, 0.3049, 0.2921.



This preview shows how white text looks on a background with the Yxy color 36.0801, 0.3049, 0.2921.

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

36.0801, 0.3049, 0.2921

Protanopia

36.3040, 0.2889, 0.2937

Deuteranopia

36.1974, 0.3003, 0.2944



Tritanopia

36.0519, 0.3136, 0.3108

Trichromacy



Original Color

36.0801, 0.3049, 0.2921

Protanomaly

36.0856, 0.2941, 0.2927

Deuteranomaly

36.0789, 0.3021, 0.2932

Tritanomaly

35.9797, 0.3110, 0.3040

Monochromacy



Original Color

36.0801, 0.3049, 0.2921

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6455, 0.3096, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0801, 0.3049, 0.2921 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(173, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 156, 183)  
}
```

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(173, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 156, 183) }
```

Border

The CSS property to change the border of an element to Yxy 36.0801, 0.3049, 0.2921 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(173, 156, 183) }
```

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

```
.border{ border-color:rgb(173, 156, 183) }
```

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

Here you see how a box with a 4 pixel rgb(173, 156, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(173, 156,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0801, 0.3049, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 156, 183) }
```

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

```
.background{ background-color: rgb(173,  
156, 183) }
```

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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