

Converting Colors

$Y_{xy}(36.6400, 0.3009, 0.2857)$

Have a look what the booklet for
Yxy(36.6400, 0.3009, 0.2857)
contains.

Yxy(36.7867, 0.3007, 0.2859)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.7867, 0.3007, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	AE9DBD
RGB	174, 157, 189
RGB Percent	68%, 62%, 74%
CMY	0.3178, 0.3842, 0.2589
CMYK	0.08, 0.17, 0.00, 0.26
HSL	272°, 19%, 68%
HSV	272°, 17%, 74%
XYZ	38.6910, 36.7867, 53.1921
YIQ	165.7310, -0.1400, 13.5560

Conversions

Conversions Part 2

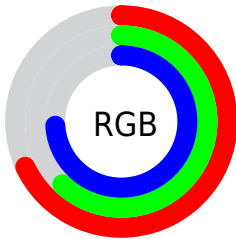
Format	Color
RYB	174, 157, 189
Decimal	11443645
CIELab	67.12, 12.30, -14.21
CIELCh	67, 18.795, 310.876
Yxy	36.7867, 0.3007, 0.2859
Android (android.graphics.Color)	4289633725 (0xFFAE9DBD)
YUV	165.7310, 11.4716, 7.2519
Hunter-Lab	60.6520, 7.7272, -9.5412

Details

The Yxy color $36.7867, 0.3007, 0.2859$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $47.5935, 0.3231, 0.3724$, and the grayscale version is $37.9393, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.5025, 0.3036, 0.2946$, and $16.1506, 0.2957, 0.2732$ is the 20% darker color. If you saturate the color by 10%, you get $29.8944, 0.2920, 0.2581$, and if you desaturate by 10%, it is $44.7385, 0.3082, 0.3121$.

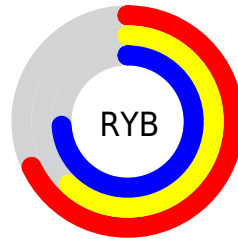
Distribution



Red (68%)

Green (62%)

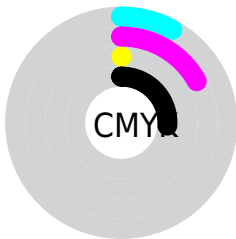
Blue (74%)



Red (68%)

Yellow (62%)

Blue (74%)

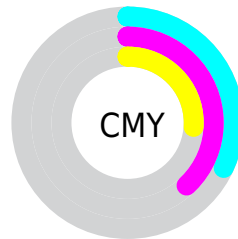


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7867, 0.3007, 0.2859 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 36.7867, 0.3007, 0.2859 by changing the saturation by 10% instead.


 36.7867, 0.3007,
0.2859


 36.7867, 0.3007,
0.2859


332.3861, 0.3071,
0.3077

 25.0424, 0.2990,
0.2804


 70.2446, 0.3031,
0.2939

 16.1086, 0.2966,
0.2733


 92.7270, 0.3040,
0.2968

 9.6011, 0.2934,
0.2638


119.5575, 0.3048,
0.2993

 5.1353, 0.2885,
0.2505

151.1206, 0.3054,
0.3015

 2.3268, 0.2807,
0.2305

187.8006, 0.3059,
0.3034

 0.7879, 0.2663,
0.1967

229.9819, 0.3064,

 0.0000, 0.0000,

0.3050

0.0000

278.0490, 0.3068,
0.3064

■ 36.7867, 0.3007,
0.2859

■ 36.7867, 0.3007,
0.2859

■ 29.8944, 0.2920,
0.2581

■ 44.7385, 0.3082,
0.3121

■ 24.0102, 0.2821,
0.2292

■ 53.7888, 0.3146,
0.3362

■ 19.0857, 0.2711,
0.2000

■ 63.9802, 0.3199,
0.3583

■ 15.0662, 0.2593,
0.1719

■ 75.3517, 0.3244,
0.3782

■ 11.8913, 0.2469,
0.1462

■ 87.9406, 0.3281,
0.3960

■ 9.4933, 0.2344,
0.1242

■ 91.5574, 0.3334,
0.3981

■ 7.7931, 0.2225,
0.1071

■ 93.0392, 0.3393,
0.3968

■ 6.6831, 0.2115,
0.0953

■ 94.5965, 0.3452,
0.3954

■ 6.3972, 0.2083,
0.0921

■ 96.2303, 0.3512,
0.3941

Harmonies

Analogous

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



36.7867, 0.2762, 0.2821



36.7867, 0.3007, 0.2859



36.7867, 0.3296, 0.2999

Triad

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



36.7867, 0.3007, 0.2859



36.7867, 0.3661, 0.3660



36.7867, 0.2719, 0.3353

Complementary

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



36.7867, 0.3007, 0.2859



47.5935, 0.3231, 0.3724

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.



36.7867, 0.2945, 0.3610



36.7867, 0.3007, 0.2859



36.7867, 0.3491, 0.3784

Square

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



36.7867, 0.3007, 0.2859



36.7867, 0.3683, 0.3448



36.7867, 0.3228, 0.3771



36.7867, 0.2602, 0.3090

Rectangle

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



36.7867, 0.3007, 0.2859



36.7867, 0.3473, 0.3134



36.7867, 0.3228, 0.3771



36.7867, 0.2784, 0.3444

Sweetspot

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



36.7883, 0.3007, 0.2859



82.9694, 0.3094, 0.3167



40.5251, 0.2865, 0.3061



17.6079, 0.3090, 0.3149



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.7883, 0.3007, 0.2859



61.4884, 0.2979, 0.2766



38.5856, 0.3151, 0.2884



9.4677, 0.3065, 0.3059



4.3512, 0.2095, 0.0928



0.2091, 0.2353, 0.1070

Inverse Universe

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



37.9149, 0.3302, 0.3092



63.8895, 0.3344, 0.3050



46.0085, 0.3102, 0.3733



9.6089, 0.3217, 0.3183



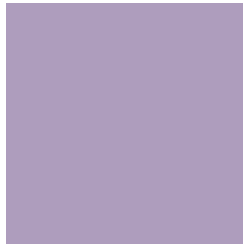
7.7767, 0.5062, 0.2562



0.3178, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 36.7867, 0.3007, 0.2859 looks on a white background.

Color Contrast Check

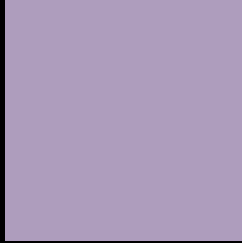
Large Text (above 18pt) WCAG AA × Fail

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 36.7867, 0.3007, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

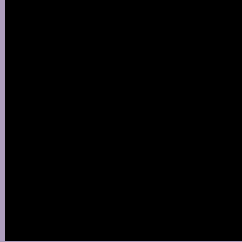
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7867, 0.3007, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 36.7867, 0.3007, 0.2859.



This preview shows how white text looks on a background with the Yxy color 36.7867, 0.3007, 0.2859.

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

36.7867, 0.3007, 0.2859

Protanopia

36.8145, 0.2834, 0.2871

Deuteranopia

36.6859, 0.2944, 0.2878



Tritanopia

36.7781, 0.3126, 0.3123

Trichromacy



Original Color

36.7867, 0.3007, 0.2859

Protanomaly

36.6897, 0.2893, 0.2862

Deuteranomaly

36.6739, 0.2971, 0.2868

Tritanomaly

36.7813, 0.3083, 0.3028

Monochromacy



Original Color

36.7867, 0.3007, 0.2859

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6854, 0.3088, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7867, 0.3007, 0.2859 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(174, 157, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 157, 189)  
}
```

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(174, 157, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 157, 189) }
```

Border

The CSS property to change the border of an element to Yxy 36.7867, 0.3007, 0.2859 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(174, 157, 189) }
```

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

```
.border{ border-color:rgb(174, 157, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 157, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 157, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 157, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 157,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7867, 0.3007, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 157, 189) }
```

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

```
.background{ background-color: rgb(174,  
157, 189) }
```

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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