

Converting Colors

$Yxy(36.8357, 0.3073, 0.3112)$

Have a look what the booklet for
Yxy(36.8357, 0.3073, 0.3112)
contains.

Yxy(36.7612, 0.3070, 0.3107)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.7612, 0.3070, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	A7A1AE
RGB	167, 161, 174
RGB Percent	65%, 63%, 68%
CMY	0.3451, 0.3686, 0.3176
CMYK	0.04, 0.07, 0.00, 0.32
HSL	268°, 7%, 66%
HSV	268°, 7%, 68%
XYZ	36.3234, 36.7612, 45.2327
YIQ	164.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

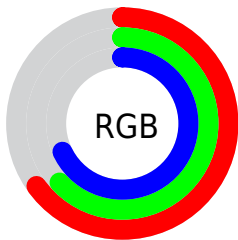
Format	Color
RYB	167, 161, 174
Decimal	10985902
CIELab	67.10, 4.66, -5.96
CIElCh	67, 7.569, 308.049
Yxy	36.7612, 0.3070, 0.3107
Android (android.graphics.Color)	4289175982 (0xFFA7A1AE)
YUV	164.2760, 4.7939, 2.3889
Hunter-Lab	60.6310, 0.8333, -1.7906

Details

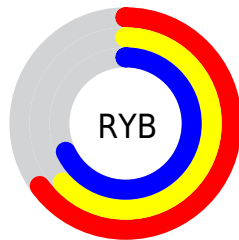
The Yxy color **36.7612, 0.3070, 0.3107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1767, 0.3181, 0.3473**, and the grayscale version is **37.2411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2985, 0.3084, 0.3150**, and **16.2018, 0.3046, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **30.1144, 0.2982, 0.2844**, and if you desaturate by 10%, it is **44.3315, 0.3145, 0.3349**.

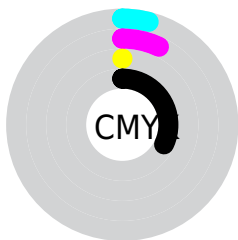
Distribution



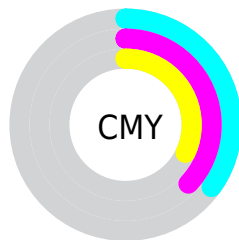
- Red (65%)
- Green (63%)
- Blue (68%)



- Red (65%)
- Yellow (63%)
- Blue (68%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)





- Cyan (35%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7612, 0.3070, 0.3107 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 36.7612, 0.3070, 0.3107 by changing the saturation by 10% instead.

 36.7612, 0.3070,
0.3107


 36.7612, 0.3070,
0.3107


332.2755, 0.3100,
0.3201

 25.0227, 0.3062,
0.3083


 70.2054, 0.3081,
0.3142

 16.0939, 0.3051,
0.3051

 92.6798, 0.3085,
0.3155

 9.5906, 0.3037,
0.3007


119.5016, 0.3089,
0.3166

 5.1284, 0.3015,
0.2944

151.0552, 0.3092,
0.3175

 2.3228, 0.2979,
0.2846

187.7250, 0.3094,
0.3183

 0.7857, 0.2915,
0.2661

229.8954, 0.3097,

 0.0000, 0.0000,

0.3190

0.0000

277.9507, 0.3098,
0.3196

■ 36.7612, 0.3070,
0.3107

■ 36.7612, 0.3070,
0.3107

■ 30.1144, 0.2982,
0.2844

■ 44.3315, 0.3145,
0.3349

■ 24.3501, 0.2882,
0.2562

■ 52.8548, 0.3208,
0.3568

■ 19.4311, 0.2768,
0.2267

■ 62.3652, 0.3262,
0.3765

■ 15.3156, 0.2642,
0.1969

■ 72.8935, 0.3306,
0.3942

■ 11.9583, 0.2507,
0.1679

■ 84.4694, 0.3343,
0.4099

■ 9.3092, 0.2368,
0.1412

■ 90.2989, 0.3393,
0.4146

■ 7.3119, 0.2230,
0.1182

■ 91.8303, 0.3456,
0.4129

■ 5.9010, 0.2100,
0.1004

■ 93.4453, 0.3519,
0.4111

■ 4.9771, 0.1983,
0.0879

■ 95.1453, 0.3583,
0.4093

Harmonies

Analogous

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



36.7612, 0.2971, 0.3098



36.7612, 0.3070, 0.3107



36.7612, 0.3186, 0.3162

Triad

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



36.7612, 0.3070, 0.3107



36.7612, 0.3345, 0.3437



36.7612, 0.2968, 0.3328

Complementary

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



36.7612, 0.3070, 0.3107



41.1767, 0.3181, 0.3473

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.



36.7612, 0.3066, 0.3423



36.7612, 0.3070, 0.3107



36.7612, 0.3284, 0.3486

Square

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



36.7612, 0.3070, 0.3107



36.7612, 0.3346, 0.3351



36.7612, 0.3181, 0.3481



36.7612, 0.2913, 0.3223

Rectangle

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



36.7612, 0.3070, 0.3107



36.7612, 0.3257, 0.3219



36.7612, 0.3181, 0.3481



36.7612, 0.2997, 0.3362

Sweetspot

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



36.7628, 0.3070, 0.3107



73.9328, 0.3112, 0.3241



38.6974, 0.3014, 0.3207



16.4660, 0.3113, 0.3244



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.7628, 0.3070, 0.3107



64.5308, 0.3056, 0.3064



37.4722, 0.3129, 0.3110



7.9316, 0.3055, 0.3061



3.4985, 0.1967, 0.0857



0.1301, 0.2323, 0.1053

Inverse Universe

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



37.3176, 0.3189, 0.3193



65.7552, 0.3204, 0.3170



40.4960, 0.3124, 0.3476



8.0847, 0.3205, 0.3169



7.1208, 0.4766, 0.2399



0.2090, 0.4177, 0.2075

Previews

White Background



This preview shows how the Yxy color 36.7612, 0.3070, 0.3107 looks on a white background.

Color Contrast Check

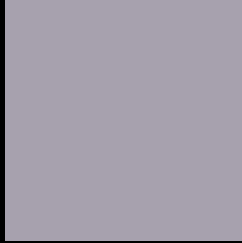
Large Text (above 18pt) WCAG AA × Fail

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 36.7612, 0.3070, 0.3107 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

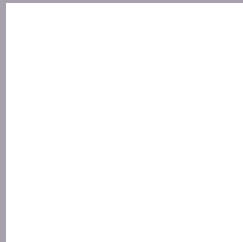
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.7612, 0.3070, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 36.7612, 0.3070, 0.3107.

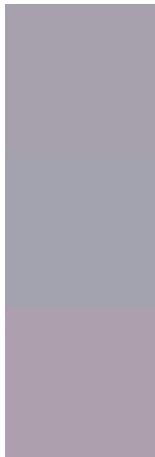


This preview shows how white text looks on a background with the Yxy color 36.7612, 0.3070, 0.3107.

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

36.7612, 0.3070, 0.3107

Protanopia

36.7223, 0.3024, 0.3106

Deuteranopia

36.8509, 0.3137, 0.3083



Tritanopia

36.7612, 0.3070, 0.3107

Trichromacy



Original Color

36.7612, 0.3070, 0.3107

Protanomaly

36.8283, 0.3034, 0.3106

Deuteranomaly

36.8555, 0.3108, 0.3095

Tritanomaly

36.7612, 0.3070, 0.3107

Monochromacy



Original Color

36.7612, 0.3070, 0.3107

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.0209, 0.3102, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7612, 0.3070, 0.3107 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(167, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 174)  
}
```

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(167, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 174) }
```

Border

The CSS property to change the border of an element to Yxy 36.7612, 0.3070, 0.3107 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(167, 161, 174) }
```

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

```
.border{ border-color:rgb(167, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 161,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7612, 0.3070, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 174) }
```

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

```
.background{ background-color: rgb(167,  
161, 174) }
```

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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