

Converting Colors

$Yxy(37.8208, 0.2987, 0.2961)$

Have a look what the booklet for
Yxy(37.8208, 0.2987, 0.2961)
contains.

Yxy(37.8208, 0.2987, 0.2961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8208, 0.2987, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	A9A2BA
RGB	169, 162, 186
RGB Percent	66%, 64%, 73%
CMY	0.3371, 0.3647, 0.2705
CMYK	0.09, 0.13, 0.00, 0.27
HSL	258°, 15%, 68%
HSV	258°, 13%, 73%
XYZ	38.1529, 37.8208, 51.7561
YIQ	166.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

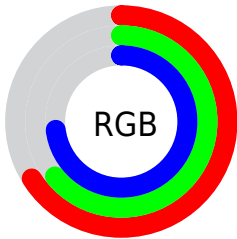
Format	Color
R _Y B	169, 162, 186
Decimal	11117242
CIE Lab	67.89, 7.25, -11.45
CIE LCh	68, 13.552, 302.333
Yxy	37.8208, 0.2987, 0.2961
Android (android.graphics.Color)	4289307322 (0xFFA9A2BA)
YUV	166.8290, 9.4513, 1.9040
Hunter-Lab	61.4986, 3.1164, -6.8484

Details

The Yxy color **37.8208, 0.2987, 0.2961** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3169, 0.3256, 0.3611**, and the grayscale version is **38.5138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8838, 0.3013, 0.3026**, and **16.6272, 0.2943, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **30.3645, 0.2860, 0.2677**, and if you desaturate by 10%, it is **46.3960, 0.3098, 0.3220**.

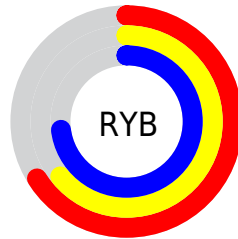
Distribution



Red (66%)

Green (64%)

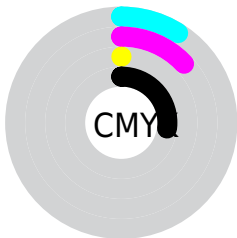
Blue (73%)



Red (66%)

Yellow (64%)

Blue (73%)

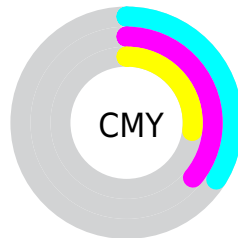


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.8208, 0.2987, 0.2961 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 37.8208, 0.2987, 0.2961 by changing the saturation by 10% instead.

■ 37.8208, 0.2987,
0.2961

■ 37.8208, 0.2987,
0.2961

■ 336.8506, 0.3060,
0.3128

■ 25.8436, 0.2968,
0.2918

■ 71.8334, 0.3014,
0.3022

■ 16.7067, 0.2942,
0.2863

■ 94.6376, 0.3024,
0.3045

■ 10.0256, 0.2907,
0.2789

■ 121.8196, 0.3033,
0.3064

■ 5.4159, 0.2856,
0.2684

■ 153.7638, 0.3040,
0.3081

■ 2.4933, 0.2774,
0.2524

■ 190.8547, 0.3046,
0.3095

■ 0.8733, 0.2626,
0.2253

■ 233.4765, 0.3052,

■ 0.0000, 0.0000,

0.3108

0.0000

282.0137, 0.3056,
0.3119

■ 37.8208, 0.2987,
0.2961

■ 37.8208, 0.2987,
0.2961

■ 30.3645, 0.2860,
0.2677

■ 46.3960, 0.3098,
0.3220

■ 23.9756, 0.2716,
0.2372

■ 56.1292, 0.3193,
0.3452

■ 18.6056, 0.2558,
0.2053

■ 67.0636, 0.3274,
0.3658

■ 14.2005, 0.2389,
0.1733

■ 79.2385, 0.3343,
0.3840

■ 10.7008, 0.2217,
0.1427

■ 92.6905, 0.3401,
0.4000

■ 8.0407, 0.2049,
0.1156

■ 95.0091, 0.3490,
0.3980

■ 6.1448, 0.1896,
0.0937

■ 96.3262, 0.3538,
0.3969

■ 4.9234, 0.1768,
0.0783

■ 4.3455, 0.1693,
0.0706

Harmonies

Analogous

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



37.8208, 0.2826, 0.2959



37.8208, 0.2987, 0.2961



37.8208, 0.3191, 0.3044

Triad

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



37.8208, 0.2987, 0.2961



37.8208, 0.3524, 0.3520



37.8208, 0.2874, 0.3391

Complementary

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



37.8208, 0.2987, 0.2961



47.3169, 0.3256, 0.3611

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.



37.8208, 0.3055, 0.3557



37.8208, 0.2987, 0.2961



37.8208, 0.3432, 0.3627

Square

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



37.8208, 0.2987, 0.2961



37.8208, 0.3506, 0.3359



37.8208, 0.3259, 0.3644



37.8208, 0.2763, 0.3201

Rectangle

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



37.8208, 0.2987, 0.2961



37.8208, 0.3323, 0.3134



37.8208, 0.3259, 0.3644



37.8208, 0.2929, 0.3452

Sweetspot

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



37.8224, 0.2987, 0.2961



82.1854, 0.3086, 0.3191



43.5526, 0.2930, 0.3197



17.8273, 0.3078, 0.3172



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.



37.8224, 0.2987, 0.2961



63.7945, 0.2946, 0.2869



39.1849, 0.3094, 0.2972



8.8436, 0.3029, 0.3057



2.9568, 0.1705, 0.0713



0.1372, 0.2005, 0.0878

Inverse Universe

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



39.5329, 0.3204, 0.3066



67.6283, 0.3227, 0.3006



45.9730, 0.3155, 0.3621



9.1166, 0.3181, 0.3130



8.1477, 0.4106, 0.2036



0.2975, 0.3825, 0.1881

Previews

White Background



This preview shows how the Yxy color 37.8208, 0.2987, 0.2961 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 37.8208, 0.2987, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

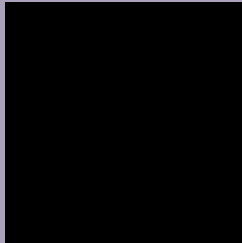
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8208, 0.2987, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 37.8208, 0.2987, 0.2961.



This preview shows how white text looks on a background with the Yxy color 37.8208, 0.2987, 0.2961.

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

37.8208, 0.2987, 0.2961

Protanopia

37.8202, 0.2917, 0.2970

Deuteranopia

37.8056, 0.3014, 0.2950



Tritanopia

37.9407, 0.3044, 0.3109

Trichromacy



Original Color

37.8208, 0.2987, 0.2961

Protanomaly

37.7816, 0.2943, 0.2959

Deuteranomaly

37.6928, 0.3005, 0.2949

Tritanomaly

37.8145, 0.3028, 0.3054

Monochromacy



Original Color

37.8208, 0.2987, 0.2961

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2911, 0.3078, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8208, 0.2987, 0.2961 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(169, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 186)  
}
```

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(169, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.8208, 0.2987, 0.2961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

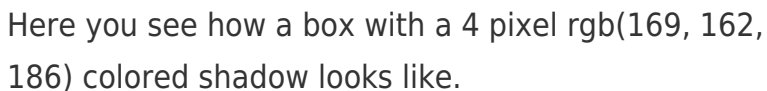
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 162, 186) }
```

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

```
.border{ border-color:rgb(169, 162, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 162, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 162, 186); box-shadow:4px 4px 4px 4px rgb(169, 162, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8208, 0.2987, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 186) }
```

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

```
.background{ background-color: rgb(169,  
162, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor