

Converting Colors

$Yxy(37.4499, 0.2942, 0.2985)$

Have a look what the booklet for
Yxy(37.4499, 0.2942, 0.2985)
contains.

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Color

Yxy(37.4837, 0.2942, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	A3A3B9
RGB	163, 163, 185
RGB Percent	64%, 64%, 73%
CMY	0.3608, 0.3608, 0.2746
CMYK	0.12, 0.12, 0.00, 0.27
HSL	240°, 14%, 68%
HSV	240°, 12%, 73%
XYZ	36.9561, 37.4837, 51.1758
YIQ	165.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

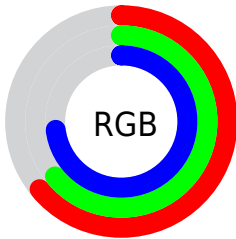
Format	Color
RYB	163, 163, 185
Decimal	10724281
CIELab	67.64, 4.43, -11.30
CIElCh	68, 12.133, 291.405
Yxy	37.4837, 0.2942, 0.2984
Android (android.graphics.Color)	4288914361 (0xFFA3A3B9)
YUV	165.5080, 9.6096, -2.1995
Hunter-Lab	61.2239, 0.6046, -6.7025

Details

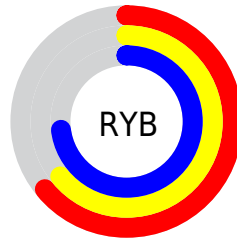
The Yxy color $37.4837, 0.2942, 0.2984$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.6425, 0.3302, 0.3579$, and the grayscale version is $37.8392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.3991, 0.2978, 0.3044$, and $16.4143, 0.2880, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $29.5801, 0.2764, 0.2690$, and if you desaturate by 10%, it is $46.6360, 0.3100, 0.3245$.

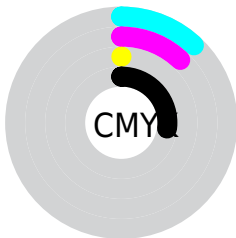
Distribution



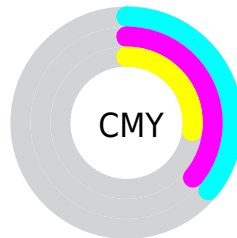
- Red (64%)
- Green (64%)
- Blue (73%)



- Red (64%)
- Yellow (64%)
- Blue (73%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4837, 0.2942, 0.2984 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 37.4837, 0.2942, 0.2984 by changing the saturation by 10% instead.

■ 37.4837, 0.2942,
0.2984

■ 37.4837, 0.2942,
0.2984

335.4000, 0.3038,
0.3140

■ 25.5822, 0.2917,
0.2944

■ 71.3161, 0.2978,
0.3042

■ 16.5114, 0.2884,
0.2892

■ 94.0158, 0.2991,
0.3063

■ 9.8867, 0.2838,
0.2821

121.0837, 0.3002,
0.3081

■ 5.3239, 0.2773,
0.2721

152.9042, 0.3011,
0.3096

■ 2.4385, 0.2669,
0.2566

189.8617, 0.3020,
0.3110

■ 0.8456, 0.2484,
0.2299

232.3405, 0.3027,

■ 0.0000, 0.0000,

0.3121

0.0000

280.7252, 0.3033,
0.3131

■ 37.4837, 0.2942,
0.2984

■ 37.4837, 0.2942,
0.2984

■ 29.5801, 0.2764,
0.2690

■ 46.6360, 0.3100,
0.3245

■ 22.8667, 0.2567,
0.2365

■ 57.0827, 0.3237,
0.3472

■ 17.2872, 0.2358,
0.2019

■ 68.8734, 0.3356,
0.3668

■ 12.7791, 0.2144,
0.1666

■ 82.0531, 0.3458,
0.3837

■ 9.2737, 0.1941,
0.1329

■ 96.2820, 0.3544,
0.3979

■ 6.6946, 0.1763,
0.1035

■ 4.9541, 0.1626,
0.0809

■ 3.9479, 0.1540,
0.0666

■ 3.5039, 0.1500,
0.0600

Harmonies

Analogous

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



37.4837, 0.2820, 0.3012



37.4837, 0.2942, 0.2984



37.4837, 0.3116, 0.3033

Triad

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



37.4837, 0.2942, 0.2984



37.4837, 0.3489, 0.3449



37.4837, 0.2954, 0.3440

Complementary

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



37.4837, 0.2942, 0.2984



47.6425, 0.3302, 0.3579

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.



37.4837, 0.3130, 0.3567



37.4837, 0.2942, 0.2984



37.4837, 0.3441, 0.3566

Square

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



37.4837, 0.2942, 0.2984



37.4837, 0.3436, 0.3296



37.4837, 0.3308, 0.3612



37.4837, 0.2827, 0.3272

Rectangle

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



37.4837, 0.2942, 0.2984



37.4837, 0.3240, 0.3103



37.4837, 0.3308, 0.3612



37.4837, 0.3009, 0.3489

Sweetspot

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



37.4853, 0.2942, 0.2984



79.7735, 0.3067, 0.3191



45.9633, 0.2951, 0.3294



16.9234, 0.3056, 0.3172



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.



37.4853, 0.2942, 0.2984



63.6343, 0.2902, 0.2918



38.6508, 0.3037, 0.2993



8.7202, 0.2984, 0.3054



2.3867, 0.1500, 0.0600



0.0844, 0.1501, 0.0602

Inverse Universe

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



39.1500, 0.3338, 0.3290



67.1477, 0.3386, 0.3291



46.3744, 0.3209, 0.3587



9.0123, 0.3288, 0.3290



7.0233, 0.6400, 0.3299



0.2476, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 37.4837, 0.2942, 0.2984 looks on a white background.

Color Contrast Check

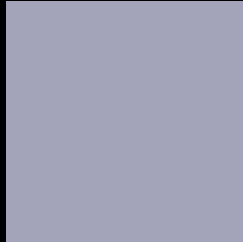
Large Text (above 18pt) WCAG AA × Fail

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 37.4837, 0.2942, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

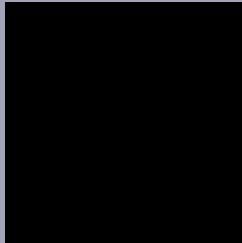
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

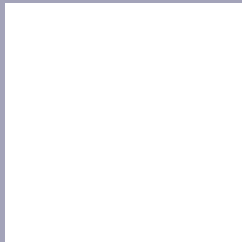
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.4837, 0.2942, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 37.4837, 0.2942, 0.2984.



This preview shows how white text looks on a background with the Yxy color 37.4837, 0.2942, 0.2984.

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

37.4837, 0.2942, 0.2984

Protanopia

37.2742, 0.2924, 0.2982

Deuteranopia

37.3447, 0.3005, 0.2935



Tritanopia

37.4066, 0.2999, 0.3106

Trichromacy



Original Color

37.4837, 0.2942, 0.2984

Protanomaly

37.3786, 0.2933, 0.2983

Deuteranomaly

37.3597, 0.2978, 0.2947

Tritanomaly

37.5276, 0.2974, 0.3065

Monochromacy



Original Color

37.4837, 0.2942, 0.2984

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9267, 0.3059, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4837, 0.2942, 0.2984 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(163, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(163, 163, 185)  
}
```

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(163, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 163, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.4837, 0.2942, 0.2984 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(163, 163, 185) }
```

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

```
.border{ border-color:rgb(163, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(163, 163,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4837, 0.2942, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 163, 185) }
```

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

```
.background{ background-color: rgb(163,  
163, 185) }
```

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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