

Converting Colors

$Yxy(40.9857, 0.2933, 0.3100)$

Have a look what the booklet for
Yxy(40.9857, 0.2933, 0.3100)
contains.

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Color

Yxy(40.8367, 0.2937, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	A3ACBA
RGB	163, 172, 186
RGB Percent	64%, 67%, 73%
CMY	0.3606, 0.3255, 0.2706
CMYK	0.12, 0.08, 0.00, 0.27
HSL	217°, 14%, 68%
HSV	217°, 12%, 73%
XYZ	38.7270, 40.8367, 52.2952
YIQ	170.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

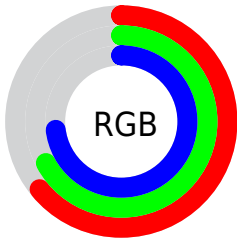
Format	Color
R_{YB}	163, 169, 186
Decimal	10726586
CIE _{Lab}	70.06, -0.28, -8.24
CIE _{LCh}	70, 8.249, 268.071
Yxy	40.8367, 0.2937, 0.3097
Android (android.graphics.Color)	4288916666 (0xFFA3ACBA)
YUV	170.9050, 7.4418, -6.9327
Hunter-Lab	63.9036, -3.6565, -3.7872

Details

The Yxy color $40.8367, 0.2937, 0.3097$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.5533, 0.3323, 0.3476$, and the grayscale version is $40.6445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2544, 0.2973, 0.3131$, and $18.5059, 0.2877, 0.3041$ is the 20% darker color. If you saturate the color by 10%, you get $34.8778, 0.2773, 0.2920$, and if you desaturate by 10%, it is $47.4571, 0.3092, 0.3256$.

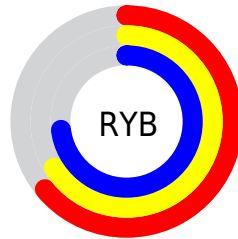
Distribution



Red (64%)

Green (67%)

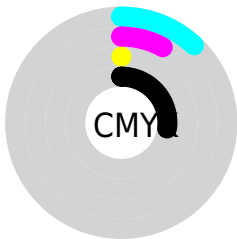
Blue (73%)



Red (64%)

Yellow (66%)

Blue (73%)

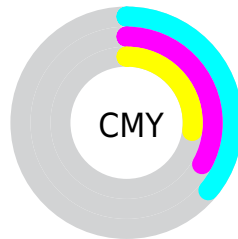


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8367, 0.2937, 0.3097 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 40.8367, 0.2937, 0.3097 by changing the saturation by 10% instead.

■ 40.8367, 0.2937,
0.3097

■ 40.8367, 0.2937,
0.3097

■ 349.6376, 0.3034,
0.3195

■ 28.1915, 0.2912,
0.3072

■ 76.4359, 0.2973,
0.3133

■ 18.4701, 0.2880,
0.3039

■ 100.1588, 0.2986,
0.3147

■ 11.2880, 0.2837,
0.2995

■ 128.3429, 0.2997,
0.3158

■ 6.2609, 0.2775,
0.2932

■ 161.3728, 0.3007,
0.3168

■ 3.0044, 0.2680,
0.2835

■ 199.6329, 0.3015,
0.3176

■ 1.1340, 0.2517,
0.2668

■ 243.5074, 0.3022,

■ 0.0068, 0.0000,

0.3183

0.0115

293.3809, 0.3028,
0.3190

0.0000, 0.0000,
0.0000

40.8367, 0.2937,
0.3097

40.8367, 0.2937,
0.3097

34.8778, 0.2773,
0.2920

47.4571, 0.3092,
0.3256

29.5536, 0.2603,
0.2725

54.7545, 0.3238,
0.3396

24.8427, 0.2431,
0.2513

62.7503, 0.3372,
0.3520

20.7205, 0.2261,
0.2288

71.4634, 0.3496,
0.3629

17.1606, 0.2100,
0.2054

80.7121, 0.3602,
0.3725

■ 14.1342, 0.1955,
0.1819

■ 87.1938, 0.3574,
0.3833

■ 11.6091, 0.1831,
0.1591

■ 94.0939, 0.3546,
0.3937

■ 9.5487, 0.1734,
0.1380

■ 96.3252, 0.3538,
0.3969

■ 8.2393, 0.1676,
0.1232

Harmonies

Analogous

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



40.8367, 0.2896, 0.3157



40.8367, 0.2937, 0.3097



40.8367, 0.3029, 0.3089

Triad

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



40.8367, 0.2937, 0.3097



40.8367, 0.3344, 0.3319



40.8367, 0.3103, 0.3456

Complementary

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



40.8367, 0.2937, 0.3097



44.5533, 0.3323, 0.3476

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.



40.8367, 0.3223, 0.3500



40.8367, 0.2937, 0.3097



40.8367, 0.3364, 0.3417

Square

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



40.8367, 0.2937, 0.3097



40.8367, 0.3264, 0.3215



40.8367, 0.3319, 0.3485



40.8367, 0.2990, 0.3366

Rectangle

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



40.8367, 0.2937, 0.3097



40.8367, 0.3107, 0.3112



40.8367, 0.3319, 0.3485



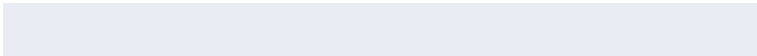
40.8367, 0.3143, 0.3477

Sweetspot

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



40.8384, 0.2937, 0.3097



83.8594, 0.3066, 0.3229



46.0770, 0.3008, 0.3415



18.2611, 0.3055, 0.3218



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.



40.8384, 0.2937, 0.3097



70.7572, 0.2890, 0.3047



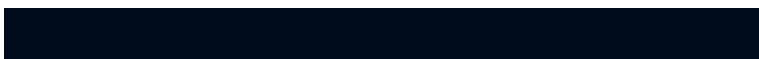
37.7936, 0.2954, 0.2973



9.2779, 0.2985, 0.3147



5.6795, 0.1682, 0.1255



0.3218, 0.1831, 0.1790

Inverse Universe

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



39.6295, 0.3265, 0.3172



68.1929, 0.3303, 0.3142



47.9182, 0.3289, 0.3592



9.0686, 0.3228, 0.3201



7.3557, 0.5388, 0.2742



0.2716, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 40.8367, 0.2937, 0.3097 looks on a white background.

Color Contrast Check

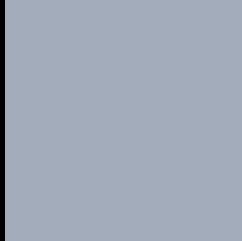
Large Text (above 18pt) WCAG AA × Fail

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 40.8367, 0.2937, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

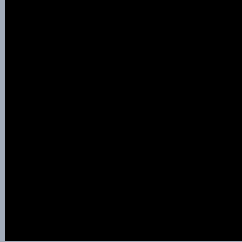
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

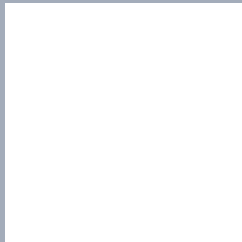
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8367, 0.2937, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 40.8367, 0.2937, 0.3097.

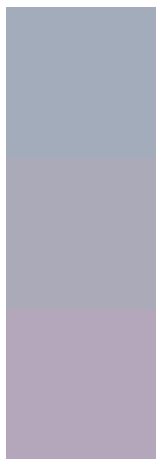


This preview shows how white text looks on a background with the Yxy color 40.8367, 0.2937, 0.3097.

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

40.8367, 0.2937, 0.3097

Protanopia

40.7983, 0.3004, 0.3086

Deuteranopia

40.5636, 0.3077, 0.3012



Tritanopia

40.8367, 0.2937, 0.3097

Trichromacy



Original Color

40.8367, 0.2937, 0.3097

Protanomaly

40.8441, 0.2978, 0.3099

Deuteranomaly

40.5918, 0.3023, 0.3035

Tritanomaly

40.8367, 0.2937, 0.3097

Monochromacy



Original Color

40.8367, 0.2937, 0.3097

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5852, 0.3059, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8367, 0.2937, 0.3097 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, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 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(163, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.8367, 0.2937, 0.3097 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, 172, 186) }
```

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

```
.border{ border-color:rgb(163, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8367, 0.2937, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 186) }
```

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

```
.background{ background-color: rgb(163,  
172, 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](#).

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