

Converting Colors

$Yxy(40.0388, 0.2944, 0.3083)$

Have a look what the booklet for
Yxy(40.0388, 0.2944, 0.3083)
contains.

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Color

Yxy(40.0388, 0.2944, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	A3AAB9
RGB	163, 170, 185
RGB Percent	64%, 67%, 73%
CMY	0.3608, 0.3333, 0.2746
CMYK	0.12, 0.08, 0.00, 0.27
HSL	221°, 14%, 68%
HSV	221°, 12%, 73%
XYZ	38.2336, 40.0388, 51.5972
YIQ	169.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

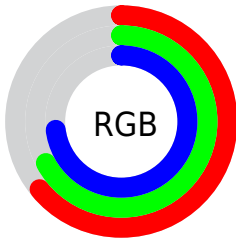
Format	Color
RYB	163, 168, 185
Decimal	10726073
CIELab	69.50, 0.57, -8.52
CIELCh	69, 8.536, 273.852
Yxy	40.0388, 0.2944, 0.3083
Android (android.graphics.Color)	4288916153 (0xFFA3AAB9)
YUV	169.6170, 7.5838, -5.8031
Hunter-Lab	63.2762, -2.8777, -4.0534

Details

The Yxy color **40.0388, 0.2944, 0.3083** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7836, 0.3313, 0.3489**, and the grayscale version is **39.9632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1067, 0.2979, 0.3120**, and **18.0023, 0.2886, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **33.7285, 0.2778, 0.2886**, and if you desaturate by 10%, it is **47.0908, 0.3099, 0.3259**.

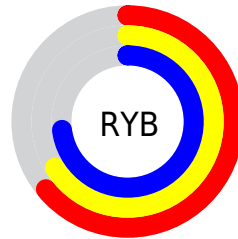
Distribution



Red (64%)

Green (67%)

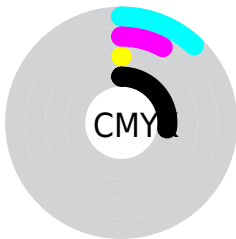
Blue (73%)



Red (64%)

Yellow (66%)

Blue (73%)

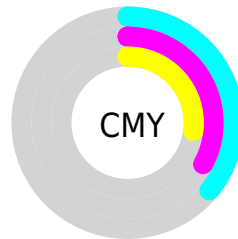


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0388, 0.2944, 0.3083 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 40.0388, 0.2944, 0.3083 by changing the saturation by 10% instead.

■ 40.0388, 0.2944,
0.3083

■ 40.0388, 0.2944,
0.3083

346.2871, 0.3038,
0.3189

■ 27.5688, 0.2920,
0.3056

■ 75.2226, 0.2979,
0.3122

■ 18.0009, 0.2889,
0.3021

■ 98.7052, 0.2991,
0.3136

■ 10.9506, 0.2846,
0.2973

126.6274, 0.3002,
0.3149

■ 6.0336, 0.2785,
0.2905

159.3737, 0.3011,
0.3159

■ 2.8655, 0.2692,
0.2800

197.3284, 0.3019,
0.3168

■ 1.0619, 0.2529,
0.2619

240.8759, 0.3026,

■ 0.0000, 0.0000,

0.3176

0.0000

290.4007, 0.3032,
0.3183

■ 40.0388, 0.2944,
0.3083

■ 40.0388, 0.2944,
0.3083

■ 33.7285, 0.2778,
0.2886

■ 47.0908, 0.3099,
0.3259

■ 28.1299, 0.2604,
0.2668

■ 54.9033, 0.3243,
0.3415

■ 23.2182, 0.2424,
0.2431

■ 63.5006, 0.3374,
0.3552

■ 18.9651, 0.2246,
0.2179

■ 72.9043, 0.3494,
0.3671

■ 15.3402, 0.2075,
0.1920

■ 83.0426, 0.3598,
0.3776

■ 12.3106, 0.1919,
0.1663

■ 90.4332, 0.3567,
0.3894

■ 9.8396, 0.1788,
0.1418

■ 96.2817, 0.3544,
0.3979

■ 7.8856, 0.1686,
0.1198

■ 6.6273, 0.1623,
0.1043

Harmonies

Analogous

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



40.0388, 0.2890, 0.3136



40.0388, 0.2944, 0.3083



40.0388, 0.3047, 0.3085

Triad

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



40.0388, 0.2944, 0.3083



40.0388, 0.3362, 0.3341



40.0388, 0.3077, 0.3448

Complementary

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



40.0388, 0.2944, 0.3083



44.7836, 0.3313, 0.3489

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.



40.0388, 0.3204, 0.3505



40.0388, 0.2944, 0.3083



40.0388, 0.3370, 0.3439

Square

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



40.0388, 0.2944, 0.3083



40.0388, 0.3290, 0.3232



40.0388, 0.3312, 0.3500



40.0388, 0.2966, 0.3347

Rectangle

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



40.0388, 0.2944, 0.3083



40.0388, 0.3131, 0.3116



40.0388, 0.3312, 0.3500



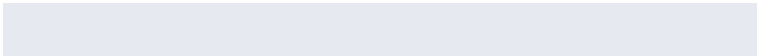
40.0388, 0.3119, 0.3473

Sweetspot

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



40.0405, 0.2944, 0.3083



81.4886, 0.3066, 0.3222



45.6741, 0.3002, 0.3390



17.3577, 0.3055, 0.3210



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.



40.0405, 0.2944, 0.3083



68.9598, 0.2906, 0.3039



37.8754, 0.2975, 0.2987



9.1744, 0.2985, 0.3130



4.6319, 0.1629, 0.1065



0.2782, 0.1782, 0.1613

Inverse Universe

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



39.4084, 0.3274, 0.3197



67.6853, 0.3307, 0.3177



47.1931, 0.3270, 0.3582



9.0582, 0.3239, 0.3217



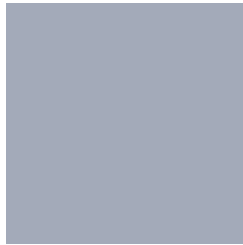
7.2499, 0.5662, 0.2893



0.2672, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 40.0388, 0.2944, 0.3083 looks on a white background.

Color Contrast Check

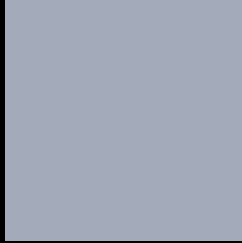
Large Text (above 18pt) WCAG AA × Fail

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 40.0388, 0.2944, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

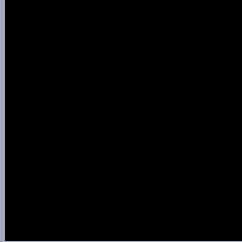
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

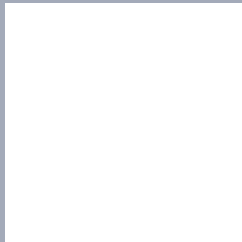
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0388, 0.2944, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 40.0388, 0.2944, 0.3083.

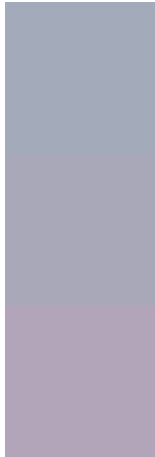


This preview shows how white text looks on a background with the Yxy color 40.0388, 0.2944, 0.3083.

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

40.0388, 0.2944, 0.3083

Protanopia

39.7908, 0.2995, 0.3071

Deuteranopia

39.9204, 0.3067, 0.3010



Tritanopia

39.9967, 0.2952, 0.3096

Trichromacy



Original Color

40.0388, 0.2944, 0.3083

Protanomaly

39.9436, 0.2977, 0.3084

Deuteranomaly

40.0668, 0.3022, 0.3034

Tritanomaly

39.9967, 0.2952, 0.3096

Monochromacy



Original Color

40.0388, 0.2944, 0.3083

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0601, 0.3059, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0388, 0.2944, 0.3083 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, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(163, 170, 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, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 170, 185) }
```

Border

The CSS property to change the border of an element to Yxy 40.0388, 0.2944, 0.3083 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, 170, 185) }
```

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

```
.border{ border-color:rgb(163, 170, 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, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(163, 170,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0388, 0.2944, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 170, 185) }
```

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

```
.background{ background-color: rgb(163,  
170, 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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