

Converting Colors

$Y_{xy}(40.0639, 0.2980, 0.3237)$

Have a look what the booklet for
Yxy(40.0639, 0.2980, 0.3237)
contains.

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Color

Yxy(40.0106, 0.2981, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	9FACB0
RGB	159, 172, 176
RGB Percent	62%, 67%, 69%
CMY	0.3763, 0.3255, 0.3098
CMYK	0.10, 0.02, 0.00, 0.31
HSL	194°, 10%, 66%
HSV	194°, 10%, 69%
XYZ	36.8919, 40.0106, 46.8544
YIQ	168.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

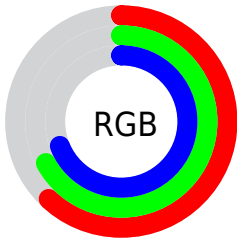
Format	Color
R _Y B	159, 166, 176
Decimal	10464432
CIE Lab	69.48, -3.71, -3.62
CIE LCh	69, 5.183, 224.303
Yxy	40.0106, 0.2981, 0.3233
Android (android.graphics.Color)	4288654512 (0xFF9FACB0)
YUV	168.5690, 3.6635, -8.3920
Hunter-Lab	63.2539, -6.5869, 0.3596

Details

The Yxy color **40.0106, 0.2981, 0.3233** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9442, 0.3287, 0.3346**, and the grayscale version is **39.4405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0605, 0.3007, 0.3236**, and **18.0763, 0.2938, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **36.7808, 0.2831, 0.3168**, and if you desaturate by 10%, it is **43.5495, 0.3133, 0.3292**.

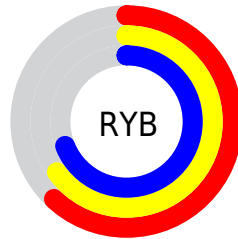
Distribution



Red (62%)

Green (67%)

Blue (69%)



Red (62%)

Yellow (65%)

Blue (69%)

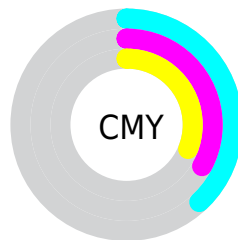


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (38%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0106, 0.2981, 0.3233 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 40.0106, 0.2981, 0.3233 by changing the saturation by 10% instead.


 40.0106, 0.2981,
0.3233


 40.0106, 0.2981,
0.3233

346.1682, 0.3056,
0.3263

 27.5468, 0.2962,
0.3225


 75.1797, 0.3009,
0.3244

 17.9843, 0.2937,
0.3215


 98.6537, 0.3019,
0.3248

 10.9387, 0.2903,
0.3201


126.5666, 0.3027,
0.3252

 6.0256, 0.2855,
0.3180

159.3028, 0.3035,
0.3254

 2.8607, 0.2779,
0.3148

197.2467, 0.3041,
0.3257

 1.0594, 0.2648,
0.3088

240.7826, 0.3047,

 0.0000, 0.0000,

0.3259

0.0000

290.2950, 0.3051,
0.3261

■ 40.0106, 0.2981,
0.3233

■ 40.0106, 0.2981,
0.3233

■ 36.7808, 0.2831,
0.3168

■ 43.5495, 0.3133,
0.3292

■ 33.8439, 0.2686,
0.3098

■ 47.4031, 0.3283,
0.3345

■ 31.1895, 0.2548,
0.3022

■ 51.5829, 0.3432,
0.3393

■ 28.8047, 0.2421,
0.2942

■ 56.0987, 0.3576,
0.3435

■ 26.6755, 0.2308,
0.2859

■ 60.9595, 0.3715,
0.3472

■ 24.7862, 0.2212,
0.2773

■ 64.3005, 0.3768,
0.3510

■ 23.1193, 0.2134,
0.2687

■ 66.2140, 0.3755,
0.3553

■ 21.6540, 0.2075,
0.2600

■ 68.1801, 0.3742,
0.3595

■ 20.3489, 0.2032,
0.2514

■ 70.1990, 0.3729,
0.3637

Harmonies

Analogous

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



40.0106, 0.3011, 0.3301



40.0106, 0.2981, 0.3233



40.0106, 0.2990, 0.3182

Triad

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



40.0106, 0.2981, 0.3233



40.0106, 0.3182, 0.3216



40.0106, 0.3219, 0.3422

Complementary

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



40.0106, 0.2981, 0.3233



37.9442, 0.3287, 0.3346

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.



40.0106, 0.3266, 0.3398



40.0106, 0.2981, 0.3233



40.0106, 0.3245, 0.3278

Square

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



40.0106, 0.2981, 0.3233



40.0106, 0.3105, 0.3173



40.0106, 0.3276, 0.3344



40.0106, 0.3148, 0.3411

Rectangle

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



40.0106, 0.2981, 0.3233



40.0106, 0.3016, 0.3164



40.0106, 0.3276, 0.3344



40.0106, 0.3238, 0.3418

Sweetspot

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



40.0123, 0.2981, 0.3233



76.7293, 0.3081, 0.3273



41.0707, 0.3084, 0.3476



16.5167, 0.3069, 0.3268



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.



40.0123, 0.2981, 0.3233



71.0085, 0.2942, 0.3217



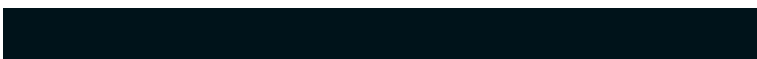
36.9022, 0.2980, 0.3112



9.2845, 0.2986, 0.3235



14.9894, 0.2033, 0.2520



0.5544, 0.2100, 0.2759

Inverse Universe

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



37.0165, 0.3174, 0.3112



64.2901, 0.3188, 0.3063



41.0419, 0.3274, 0.3462



8.6117, 0.3172, 0.3118



8.0533, 0.3902, 0.1923



0.2617, 0.3673, 0.1797

Previews

White Background



This preview shows how the Yxy color 40.0106, 0.2981, 0.3233 looks on a white background.

Color Contrast Check

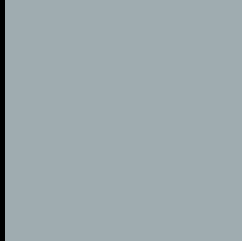
Large Text (above 18pt) WCAG AA × Fail

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 40.0106, 0.2981, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

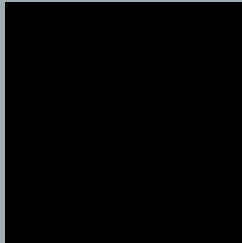
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

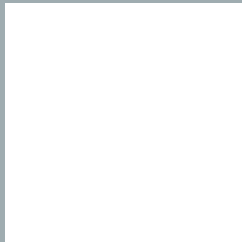
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0106, 0.2981, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 40.0106, 0.2981, 0.3233.



This preview shows how white text looks on a background with the Yxy color 40.0106, 0.2981, 0.3233.

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

40.0106, 0.2981, 0.3233

Protanopia

40.0899, 0.3103, 0.3221

Deuteranopia

39.7104, 0.3173, 0.3103



Tritanopia

40.0601, 0.2926, 0.3109

Trichromacy



Original Color

40.0106, 0.2981, 0.3233

Protanomaly

40.0601, 0.3059, 0.3220

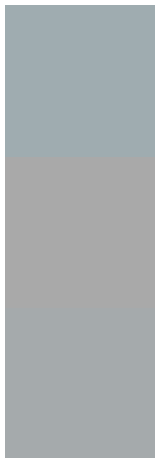
Deuteranomaly

39.8104, 0.3106, 0.3154

Tritanomaly

39.9356, 0.2950, 0.3150

Monochromacy



Original Color

40.0106, 0.2981, 0.3233

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7273, 0.3066, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0106, 0.2981, 0.3233 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(159, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 176)  
}
```

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(159, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.0106, 0.2981, 0.3233 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(159, 172, 176) }
```

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

```
.border{ border-color:rgb(159, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0106, 0.2981, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 176) }
```

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

```
.background{ background-color: rgb(159,  
172, 176) }
```

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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