

Converting Colors

$Y_{xy}(41.0805, 0.2991, 0.3269)$

Have a look what the booklet for
Yxy(41.0805, 0.2991, 0.3269)
contains.

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Color

Yxy(40.8803, 0.2989, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A0AEB0
RGB	160, 174, 176
RGB Percent	63%, 68%, 69%
CMY	0.3728, 0.3176, 0.3099
CMYK	0.09, 0.01, 0.00, 0.31
HSL	187°, 9%, 66%
HSV	187°, 9%, 69%
XYZ	37.4590, 40.8803, 46.9835
YIQ	170.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

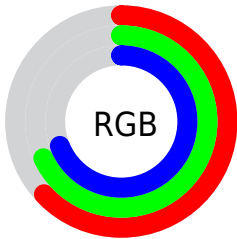
Format	Color
RYB	160, 167, 176
Decimal	10530480
CIELab	70.09, -4.50, -2.70
CIELCh	70, 5.247, 210.947
Yxy	40.8803, 0.2989, 0.3262
Android (android.graphics.Color)	4288720560 (0xFFFA0AEB0)
YUV	170.0420, 2.9373, -8.8068
Hunter-Lab	63.9377, -7.3137, 1.1882

Details

The Yxy color **40.8803, 0.2989, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5703, 0.3280, 0.3318**, and the grayscale version is **40.2046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3119, 0.3014, 0.3257**, and **18.5624, 0.2938, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **38.3699, 0.2842, 0.3229**, and if you desaturate by 10%, it is **43.6642, 0.3141, 0.3293**.

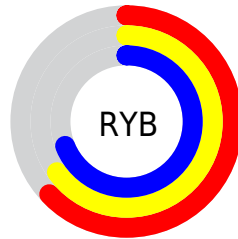
Distribution



Red (63%)

Green (68%)

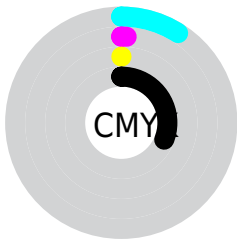
Blue (69%)



Red (63%)

Yellow (65%)

Blue (69%)

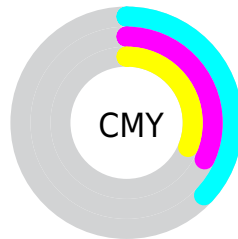


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (37%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8803, 0.2989, 0.3262 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 40.8803, 0.2989, 0.3262 by changing the saturation by 10% instead.


 40.8803, 0.2989,
0.3262


 40.8803, 0.2989,
0.3262


349.8201, 0.3059,
0.3277

 28.2256, 0.2971,
0.3258


 76.5022, 0.3015,
0.3268

 18.4958, 0.2948,
0.3253


 100.2381, 0.3025,
0.3270

 11.3065, 0.2916,
0.3246


128.4365, 0.3033,
0.3271

 6.2734, 0.2871,
0.3235

161.4818, 0.3040,
0.3273

 3.0120, 0.2801,
0.3218

199.7584, 0.3046,
0.3274

 1.1380, 0.2680,
0.3187

243.6508, 0.3051,

 0.0102, 0.0000,

0.3275

0.0485

293.5432, 0.3055,
0.3276

0.0000, 0.0000,
0.0000

40.8803, 0.2989,
0.3262

40.8803, 0.2989,
0.3262

38.3699, 0.2842,
0.3229

43.6642, 0.3141,
0.3293

36.1170, 0.2703,
0.3193

46.7267, 0.3294,
0.3320

34.1118, 0.2574,
0.3155

50.0790, 0.3448,
0.3345

32.3419, 0.2459,
0.3115

53.7302, 0.3599,
0.3367

30.7937, 0.2360,
0.3073

57.6892, 0.3747,
0.3386

■ 29.4520, 0.2278,
0.3031

■ 59.9124, 0.3801,
0.3407

■ 28.2998, 0.2215,
0.2988

■ 60.8329, 0.3794,
0.3429

■ 27.3170, 0.2171,
0.2946

■ 61.7672, 0.3787,
0.3452

■ 26.4658, 0.2142,
0.2904

■ 62.7153, 0.3780,
0.3474

Harmonies

Analogous

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



40.8803, 0.3034, 0.3332



40.8803, 0.2989, 0.3262



40.8803, 0.2980, 0.3201

Triad

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



40.8803, 0.2989, 0.3262



40.8803, 0.3149, 0.3193



40.8803, 0.3245, 0.3416

Complementary

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



40.8803, 0.2989, 0.3262



37.5703, 0.3280, 0.3318

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.



40.8803, 0.3276, 0.3377



40.8803, 0.2989, 0.3262



40.8803, 0.3220, 0.3249

Square

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



40.8803, 0.2989, 0.3262



40.8803, 0.3072, 0.3162



40.8803, 0.3267, 0.3316



40.8803, 0.3182, 0.3422

Rectangle

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



40.8803, 0.2989, 0.3262



40.8803, 0.2996, 0.3174



40.8803, 0.3267, 0.3316



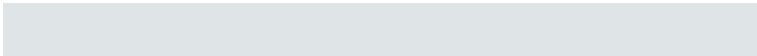
40.8803, 0.3259, 0.3407

Sweetspot

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



40.8820, 0.2989, 0.3262



77.1611, 0.3081, 0.3281



41.1146, 0.3101, 0.3492



16.6345, 0.3069, 0.3278



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.



40.8820, 0.2989, 0.3262



73.1745, 0.2958, 0.3255



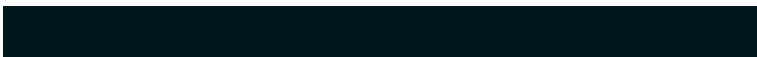
37.9060, 0.2989, 0.3149



9.4505, 0.2986, 0.3261



19.4256, 0.2140, 0.2905



0.6608, 0.2173, 0.3022

Inverse Universe

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



37.4051, 0.3155, 0.3097



65.5610, 0.3162, 0.3052



40.4519, 0.3269, 0.3427



8.6285, 0.3156, 0.3093



8.5012, 0.3539, 0.1723



0.2725, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 40.8803, 0.2989, 0.3262 looks on a white background.

Color Contrast Check

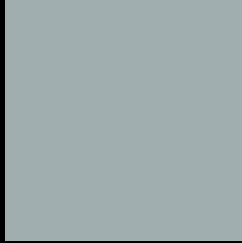
Large Text (above 18pt) WCAG AA × Fail

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 40.8803, 0.2989, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

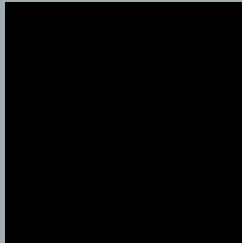
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

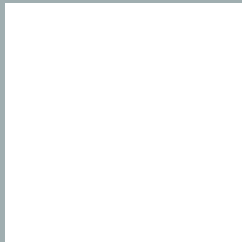
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8803, 0.2989, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 40.8803, 0.2989, 0.3262.



This preview shows how white text looks on a background with the Yxy color 40.8803, 0.2989, 0.3262.

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

40.8803, 0.2989, 0.3262

Protanopia

40.6897, 0.3121, 0.3235

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

40.7316, 0.2928, 0.3097

Trichromacy



Original Color

40.8803, 0.2989, 0.3262

Protanomaly

40.5458, 0.3067, 0.3235

Deuteranomaly

40.7804, 0.3123, 0.3182

Tritanomaly

40.8416, 0.2951, 0.3165

Monochromacy



Original Color

40.8803, 0.2989, 0.3262

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2114, 0.3074, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8803, 0.2989, 0.3262 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(160, 174, 176) looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 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(160, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.8803, 0.2989, 0.3262 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(160, 174, 176) }
```

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

```
.border{ border-color:rgb(160, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8803, 0.2989, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 176) }
```

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

```
.background{ background-color: rgb(160,  
174, 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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