

Converting Colors

$Yxy(41.0762, 0.3139, 0.3397)$

Have a look what the booklet for
Yxy(41.0762, 0.3139, 0.3397)
contains.

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Color

Yxy(40.9651, 0.3140, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	A8ADA6
RGB	168, 173, 166
RGB Percent	66%, 68%, 65%
CMY	0.3414, 0.3215, 0.3490
CMYK	0.03, 0.00, 0.04, 0.32
HSL	103°, 4%, 66%
HSV	103°, 4%, 68%
XYZ	37.9665, 40.9651, 41.9808
YIQ	170.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

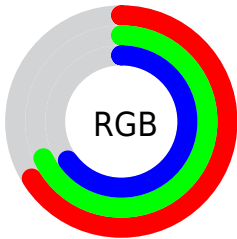
Format	Color
RYB	166, 173, 171
Decimal	11054502
CIELab	70.15, -3.11, 2.97
CIELCh	70, 4.300, 136.296
Yxy	40.9651, 0.3140, 0.3388
Android (android.graphics.Color)	4289244582 (0xFFA8ADA6)
YUV	170.7070, -2.3206, -2.3740
Hunter-Lab	64.0040, -6.1227, 5.9140

Details

The Yxy color **40.9651, 0.3140, 0.3388** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9551, 0.3114, 0.3193**, and the grayscale version is **40.5794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3952, 0.3137, 0.3365**, and **18.6027, 0.3146, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **39.0685, 0.3171, 0.3649**, and if you desaturate by 10%, it is **43.0824, 0.3108, 0.3154**.

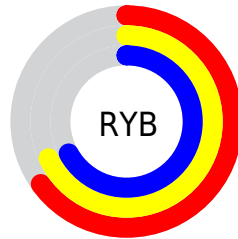
Distribution



Red (66%)

Green (68%)

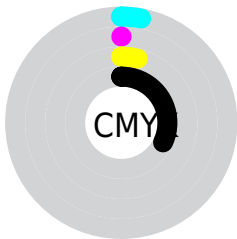
Blue (65%)



Red (65%)

Yellow (68%)

Blue (67%)

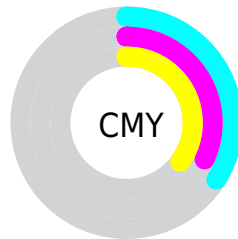


Cyan (3%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (34%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9651, 0.3140, 0.3388 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 40.9651, 0.3140, 0.3388 by changing the saturation by 10% instead.

 40.9651, 0.3140,
0.3388


 40.9651, 0.3140,
0.3388

350.1747, 0.3134,
0.3338

 28.2918, 0.3142,
0.3401

 76.6309, 0.3138,
0.3369

 18.5458, 0.3144,
0.3418


 100.3922, 0.3137,
0.3363

 11.3425, 0.3146,
0.3441


128.6183, 0.3136,
0.3357

 6.2977, 0.3150,
0.3475

161.6937, 0.3135,
0.3352

 3.0269, 0.3156,
0.3527

200.0026, 0.3135,
0.3348

 1.1458, 0.3165,
0.3621

243.9294, 0.3134,

 0.0168, 0.0000,

0.3344

1.0000

293.8587, 0.3134,
0.3341

0.0000, 0.0000,
0.0000

40.9651, 0.3140,
0.3388

40.9651, 0.3140,
0.3388

39.0685, 0.3171,
0.3649

43.0824, 0.3108,
0.3154

37.3802, 0.3199,
0.3935

45.4219, 0.3077,
0.2947

35.8945, 0.3223,
0.4243


47.9918, 0.3046,
0.2764


34.6034, 0.3240,
0.4565


50.7982, 0.3017,
0.2603

33.4986, 0.3248,
0.4887


53.8471, 0.2989,
0.2462

 32.5709, 0.3243,
0.5194

 56.1534, 0.3069,
0.2465

 31.8101, 0.3225,
0.5466

 58.3745, 0.3165,
0.2489

 31.2053, 0.3193,
0.5683

 30.7436, 0.3151,
0.5833

Harmonies

Analogous

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



40.9651, 0.3200, 0.3399



40.9651, 0.3140, 0.3388



40.9651, 0.3078, 0.3350

Triad

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



40.9651, 0.3140, 0.3388



40.9651, 0.3016, 0.3199



40.9651, 0.3227, 0.3284

Complementary

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



40.9651, 0.3140, 0.3388



38.9551, 0.3114, 0.3193

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.



40.9651, 0.3177, 0.3232



40.9651, 0.3140, 0.3388



40.9651, 0.3055, 0.3183

Square

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



40.9651, 0.3140, 0.3388



40.9651, 0.3006, 0.3240



40.9651, 0.3114, 0.3195



40.9651, 0.3250, 0.3338

Rectangle

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



40.9651, 0.3140, 0.3388



40.9651, 0.3043, 0.3314



40.9651, 0.3114, 0.3195



40.9651, 0.3212, 0.3266

Sweetspot

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



40.9669, 0.3140, 0.3388



74.4619, 0.3130, 0.3314



40.7766, 0.3188, 0.3360



16.1868, 0.3130, 0.3313



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9669, 0.3140, 0.3388



72.9842, 0.3143, 0.3414



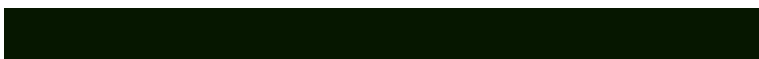
40.8105, 0.3110, 0.3367



9.2059, 0.3145, 0.3426



22.4449, 0.3132, 0.5895



0.6520, 0.3371, 0.5705

Inverse Universe

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



38.9551, 0.3114, 0.3193



68.4991, 0.3110, 0.3168



39.1174, 0.3145, 0.3214



8.5856, 0.3108, 0.3156



5.4449, 0.2526, 0.1165



0.1769, 0.2743, 0.1285

Previews

White Background



This preview shows how the Yxy color 40.9651, 0.3140, 0.3388 looks on a white background.

Color Contrast Check

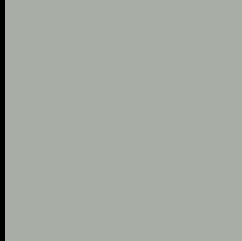
Large Text (above 18pt) WCAG AA × Fail

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 40.9651, 0.3140, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

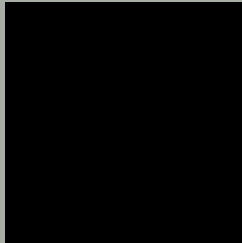
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

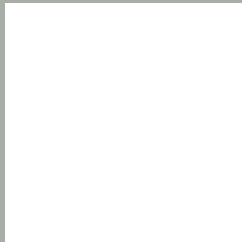
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9651, 0.3140, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 40.9651, 0.3140, 0.3388.



This preview shows how white text looks on a background with the Yxy color 40.9651, 0.3140, 0.3388.

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

40.9651, 0.3140, 0.3388

Protanopia

41.0725, 0.3224, 0.3372

Deuteranopia

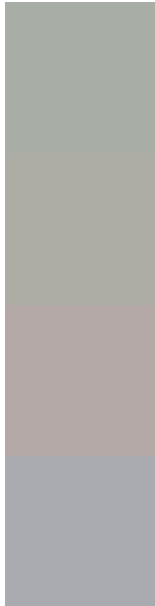
40.8813, 0.3335, 0.3277



Tritanopia

40.8681, 0.3021, 0.3100

Trichromacy



Original Color

40.9651, 0.3140, 0.3388

Protanomaly

41.1059, 0.3195, 0.3387

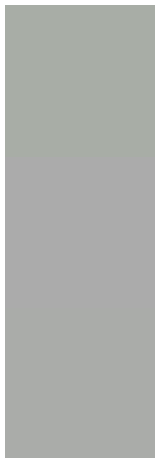
Deuteranomaly

40.9897, 0.3255, 0.3317

Tritanomaly

40.8462, 0.3069, 0.3208

Monochromacy



Original Color

40.9651, 0.3140, 0.3388

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9157, 0.3134, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9651, 0.3140, 0.3388 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(168, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 166)  
}
```

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(168, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.9651, 0.3140, 0.3388 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(168, 173, 166) }
```

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

```
.border{ border-color:rgb(168, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9651, 0.3140, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 166) }
```

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

```
.background{ background-color: rgb(168,  
173, 166) }
```

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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