

Converting Colors

$Yxy(40.3873, 0.3146, 0.3640)$

Have a look what the booklet for
Yxy(40.3873, 0.3146, 0.3640)
contains.

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Color

Yxy(40.3856, 0.3146, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	9CB098
RGB	156, 176, 152
RGB Percent	61%, 69%, 60%
CMY	0.3882, 0.3098, 0.4039
CMYK	0.11, 0.00, 0.14, 0.31
HSL	110°, 13%, 64%
HSV	110°, 14%, 69%
XYZ	34.9047, 40.3856, 35.6592
YIQ	167.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

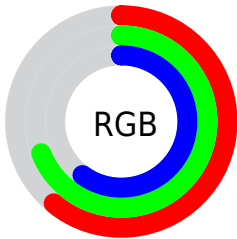
Format	Color
RYB	152, 176, 172
Decimal	10268824
CIELab	69.74, -11.53, 9.97
CIELCh	70, 15.243, 139.128
Yxy	40.3856, 0.3146, 0.3640
Android (android.graphics.Color)	4288458904 (0xFF9CB098)
YUV	167.2840, -7.5350, -9.8961
Hunter-Lab	63.5497, -13.1707, 11.2158

Details

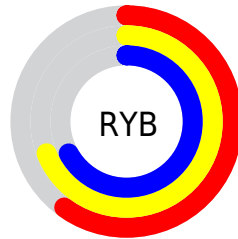
The Yxy color **40.3856, 0.3146, 0.3640** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3587, 0.3103, 0.2956**, and the grayscale version is **38.8300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0183, 0.3148, 0.3579**, and **18.1088, 0.3154, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **38.4777, 0.3157, 0.3931**, and if you desaturate by 10%, it is **42.5589, 0.3132, 0.3378**.

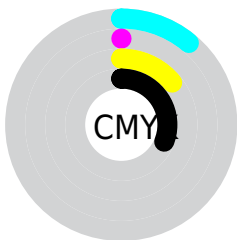
Distribution



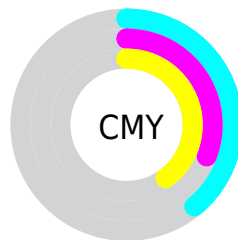
- Red (61%)
- Green (69%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3856, 0.3146, 0.3640 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 40.3856, 0.3146, 0.3640 by changing the saturation by 10% instead.


 40.3856, 0.3146,
0.3640


 40.3856, 0.3146,
0.3640


347.7461, 0.3138,
0.3457

 27.8393, 0.3147,
0.3688


 75.7503, 0.3144,
0.3572

 18.2046, 0.3149,
0.3752


 99.3376, 0.3143,
0.3546

 11.0970, 0.3150,
0.3840


127.3739, 0.3142,
0.3526

 6.1321, 0.3149,
0.3970

160.2438, 0.3141,
0.3508

 2.9256, 0.3144,
0.4177

198.3315, 0.3140,
0.3492

 1.0930, 0.3215,
0.4724

242.0216, 0.3139,

 0.0000, 0.0000,

0.3479

0.0000

291.6983, 0.3139,
0.3467

■ 40.3856, 0.3146,
0.3640

■ 40.3856, 0.3146,
0.3640

■ 38.4777, 0.3157,
0.3931

■ 42.5589, 0.3132,
0.3378

■ 36.8201, 0.3165,
0.4248

■ 45.0019, 0.3118,
0.3146

■ 35.4038, 0.3167,
0.4581

■ 47.7253, 0.3102,
0.2942

■ 34.2174, 0.3163,
0.4918

■ 50.7377, 0.3087,
0.2763

■ 33.2485, 0.3151,
0.5239

■ 54.0473, 0.3072,
0.2608

■ 32.4836, 0.3131,
0.5522

■ 57.4936, 0.3077,
0.2496

■ 31.9075, 0.3103,
0.5745

■ 59.5311, 0.3163,
0.2517

■ 31.5028, 0.3071,
0.5893

■ 31.3190, 0.3053,
0.5958

Harmonies

Analogous

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



40.3856, 0.3363, 0.3686



40.3856, 0.3146, 0.3640



40.3856, 0.2929, 0.3489

Triad

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



40.3856, 0.3146, 0.3640



40.3856, 0.2745, 0.2956



40.3856, 0.3497, 0.3281

Complementary

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



40.3856, 0.3146, 0.3640



34.3587, 0.3103, 0.2956

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.



40.3856, 0.3321, 0.3101



40.3856, 0.3146, 0.3640



40.3856, 0.2886, 0.2917

Square

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



40.3856, 0.3146, 0.3640



40.3856, 0.2703, 0.3087



40.3856, 0.3096, 0.2970



40.3856, 0.3571, 0.3469

Rectangle

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



40.3856, 0.3146, 0.3640



40.3856, 0.2813, 0.3353



40.3856, 0.3096, 0.2970



40.3856, 0.3448, 0.3218

Sweetspot

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



40.3873, 0.3146, 0.3640



77.0069, 0.3133, 0.3389



40.8503, 0.3335, 0.3562



16.6222, 0.3134, 0.3407



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.



40.3873, 0.3146, 0.3640



72.2881, 0.3149, 0.3714



40.2502, 0.3050, 0.3529



9.5562, 0.3140, 0.3523



22.9969, 0.3057, 0.5955



0.7444, 0.3222, 0.5824

Inverse Universe

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



34.3587, 0.3103, 0.2956



59.4721, 0.3098, 0.2889



34.5276, 0.3214, 0.3062



8.5733, 0.3112, 0.3064



6.8421, 0.2795, 0.1313



0.2343, 0.2918, 0.1381

Previews

White Background



This preview shows how the Yxy color 40.3856, 0.3146, 0.3640 looks on a white background.

Color Contrast Check

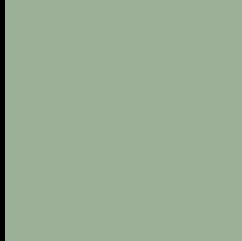
Large Text (above 18pt) WCAG AA × Fail

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 40.3856, 0.3146, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

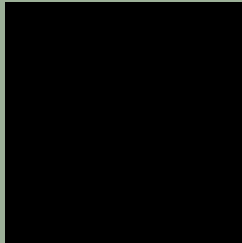
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

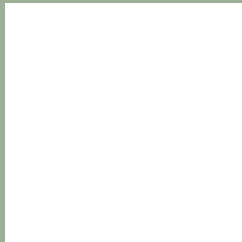
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3856, 0.3146, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 40.3856, 0.3146, 0.3640.



This preview shows how white text looks on a background with the Yxy color 40.3856, 0.3146, 0.3640.

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

40.3856, 0.3146, 0.3640

Protanopia

40.3844, 0.3384, 0.3581

Deuteranopia

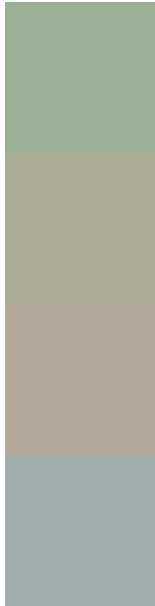
40.0905, 0.3488, 0.3424



Tritanopia

40.2057, 0.2927, 0.3096

Trichromacy



Original Color

40.3856, 0.3146, 0.3640

Protanomaly

40.2531, 0.3296, 0.3601

Deuteranomaly

39.8889, 0.3362, 0.3498

Tritanomaly

40.2752, 0.3005, 0.3290

Monochromacy



Original Color

40.3856, 0.3146, 0.3640

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1446, 0.3131, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3856, 0.3146, 0.3640 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(156, 176, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 152)  
}
```

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(156, 176, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.3856, 0.3146, 0.3640 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(156, 176, 152) }
```

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

```
.border{ border-color:rgb(156, 176, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 152);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3856, 0.3146, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 152) }
```

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

```
.background{ background-color: rgb(156,  
176, 152) }
```

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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