

Converting Colors

$Yxy(40.4463, 0.3267, 0.3602)$

Have a look what the booklet for
Yxy(40.4463, 0.3267, 0.3602)
contains.

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Color

Yxy(40.4463, 0.3267, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	A8AD97
RGB	168, 173, 151
RGB Percent	66%, 68%, 59%
CMY	0.3410, 0.3216, 0.4078
CMYK	0.03, 0.00, 0.13, 0.32
HSL	74°, 12%, 64%
HSV	74°, 13%, 68%
XYZ	36.6846, 40.4463, 35.1575
YIQ	168.9970, 4.0820, -7.9020

Conversions

Conversions Part 2

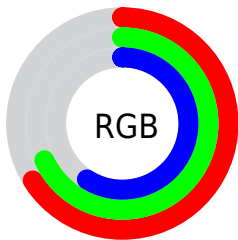
Format	Color
RYB	151, 173, 156
Decimal	11054487
CIELab	69.79, -5.73, 10.70
CIElCh	70, 12.134, 118.156
Yxy	40.4463, 0.3267, 0.3602
Android (android.graphics.Color)	4289244567 (0xFFA8AD97)
YUV	168.9970, -8.8725, -0.8744
Hunter-Lab	63.5974, -8.3320, 11.7419

Details

The Yxy color $40.4463, 0.3267, 0.3602$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $32.2199, 0.2976, 0.2967$, and the grayscale version is $39.7216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5826, 0.3241, 0.3541$, and $18.3078, 0.3309, 0.3708$ is the 20% darker color. If you saturate the color by 10%, you get $39.5047, 0.3378, 0.3861$, and if you desaturate by 10%, it is $41.4868, 0.3157, 0.3354$.

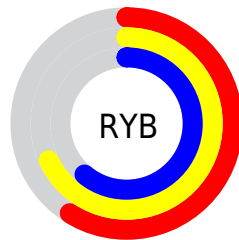
Distribution



Red (66%)

Green (68%)

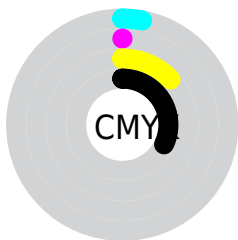
Blue (59%)



Red (59%)

Yellow (68%)

Blue (61%)

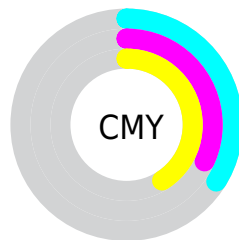


Cyan (3%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (34%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4463, 0.3267, 0.3602 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 40.4463, 0.3267, 0.3602 by changing the saturation by 10% instead.


 40.4463, 0.3267,
0.3602


 40.4463, 0.3267,
0.3602


348.0011, 0.3196,
0.3440

 27.8867, 0.3285,
0.3644


 75.8426, 0.3241,
0.3542

 18.2403, 0.3308,
0.3700


 99.4482, 0.3232,
0.3520

 11.1226, 0.3338,
0.3776


127.5045, 0.3223,
0.3501

 6.1494, 0.3381,
0.3886

160.3959, 0.3216,
0.3485

 2.9361, 0.3444,
0.4059

198.5069, 0.3210,
0.3472

 1.0985, 0.3680,
0.4537

242.2218, 0.3205,

 0.0000, 0.0000,

0.3460

0.0000

291.9251, 0.3201,
0.3450

■ 40.4463, 0.3267,
0.3602

■ 40.4463, 0.3267,
0.3602

■ 39.5047, 0.3378,
0.3861

■ 41.4868, 0.3157,
0.3354

■ 38.6530, 0.3486,
0.4125

■ 42.6242, 0.3049,
0.3122

■ 37.8889, 0.3586,
0.4386

■ 43.8638, 0.2947,
0.2907

■ 37.2083, 0.3674,
0.4635

■ 45.2086, 0.2851,
0.2709

■ 36.6064, 0.3744,
0.4861

■ 46.6615, 0.2761,
0.2530

■ 36.0780, 0.3792,
0.5053

■ 48.2254, 0.2679,
0.2368

■ 35.6172, 0.3815,
0.5203

■ 48.7516, 0.2706,
0.2373

■ 35.2168, 0.3813,
0.5308

■ 49.2791, 0.2734,
0.2380

■ 34.9518, 0.3801,
0.5364

■ 49.8204, 0.2763,
0.2388

Harmonies

Analogous

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



40.4463, 0.3410, 0.3577



40.4463, 0.3267, 0.3602



40.4463, 0.3089, 0.3538

Triad

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



40.4463, 0.3267, 0.3602



40.4463, 0.2788, 0.3092



40.4463, 0.3330, 0.3180

Complementary

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



40.4463, 0.3267, 0.3602



32.2199, 0.2976, 0.2967

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.



40.4463, 0.3158, 0.3059



40.4463, 0.3267, 0.3602



40.4463, 0.2848, 0.3006

Square

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



40.4463, 0.3267, 0.3602



40.4463, 0.2816, 0.3236



40.4463, 0.2982, 0.2996



40.4463, 0.3448, 0.3330

Rectangle

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



40.4463, 0.3267, 0.3602



40.4463, 0.2975, 0.3452



40.4463, 0.2982, 0.2996



40.4463, 0.3276, 0.3135

Sweetspot

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



40.4481, 0.3267, 0.3602



74.0438, 0.3172, 0.3387



34.8204, 0.3344, 0.3359



16.0608, 0.3180, 0.3405



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.



40.4481, 0.3267, 0.3602



71.9995, 0.3295, 0.3667



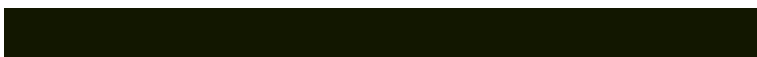
39.3116, 0.3168, 0.3612



9.2378, 0.3229, 0.3516



25.7060, 0.3806, 0.5360



0.7373, 0.3930, 0.5262

Inverse Universe

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



32.2199, 0.2976, 0.2967



54.6024, 0.2942, 0.2897



33.3450, 0.3080, 0.2977



7.8411, 0.3019, 0.3058



2.5553, 0.1633, 0.0673



0.0951, 0.1939, 0.0842

Previews

White Background



This preview shows how the Yxy color 40.4463, 0.3267, 0.3602 looks on a white background.

Color Contrast Check

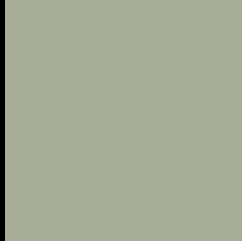
Large Text (above 18pt) WCAG AA × Fail

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 40.4463, 0.3267, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

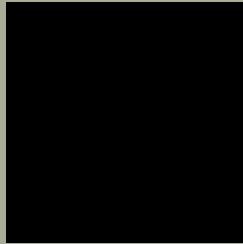
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

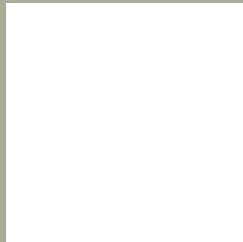
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.4463, 0.3267, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 40.4463, 0.3267, 0.3602.



This preview shows how white text looks on a background with the Yxy color 40.4463, 0.3267, 0.3602.

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

40.4463, 0.3267, 0.3602

Protanopia

40.3844, 0.3384, 0.3581

Deuteranopia

40.1883, 0.3508, 0.3437



Tritanopia

40.6376, 0.3055, 0.3114

Trichromacy



Original Color

40.4463, 0.3267, 0.3602

Protanomaly

40.3265, 0.3335, 0.3584

Deuteranomaly

40.0948, 0.3422, 0.3495

Tritanomaly

40.3477, 0.3128, 0.3276

Monochromacy



Original Color

40.4463, 0.3267, 0.3602

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7931, 0.3186, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4463, 0.3267, 0.3602 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.4463, 0.3267, 0.3602 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, 151) }
```

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

```
.border{ border-color:rgb(168, 173, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4463, 0.3267, 0.3602 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, 151) }
```

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

```
.background{ background-color: rgb(168,  
173, 151) }
```

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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