

Converting Colors

$Yxy(40.9755, 0.3683, 0.4268)$

Have a look what the booklet for
Yxy(40.9755, 0.3683, 0.4268)
contains.

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Color

Yxy(40.9755, 0.3683, 0.4268)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADB06A |
| RGB | 173, 176, 106 |
| RGB Percent | 68%, 69%, 42% |
| CMY | 0.3216, 0.3098, 0.5844 |
| CMYK | 0.02, 0.00, 0.40, 0.31 |
| HSL | 63°, 31%, 55% |
| HSV | 63°, 40%, 69% |
| XYZ | 35.3591, 40.9755, 19.6717 |
| YIQ | 167.1230, 20.6820, -22.4060 |

Conversions

Conversions Part 2

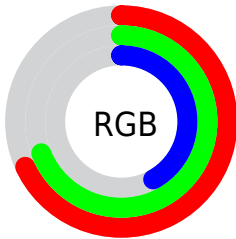
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 106, 176, 109 |
| Decimal | 11382890 |
| CIELab | 70.16, -11.77, 35.49 |
| CIELCh | 70, 37.387, 108.350 |
| Yxy | 40.9755, 0.3683, 0.4268 |
| Android (android.graphics.Color) | 4289572970 (0xFFADB06A) |
| YUV | 167.1230, -30.1336, 5.1541 |
| Hunter-Lab | 64.0121, -13.4210, 26.5879 |

Details

The Yxy color **40.9755, 0.3683, 0.4268** is a light color, and the websafe version is hex **999966**. A complement of this color would be **16.6857, 0.2434, 0.2105**, and the grayscale version is **38.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8399, 0.3586, 0.4091**, and **18.6326, 0.3809, 0.4563** is the 20% darker color. If you saturate the color by 10%, you get **40.5622, 0.3808, 0.4494**, and if you desaturate by 10%, it is **41.4681, 0.3547, 0.4026**.

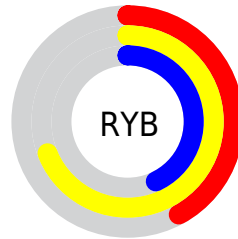
Distribution



Red (68%)

Green (69%)

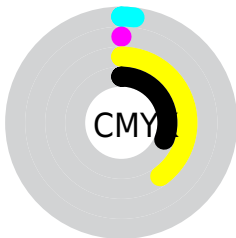
Blue (42%)



Red (42%)

Yellow (69%)

Blue (43%)

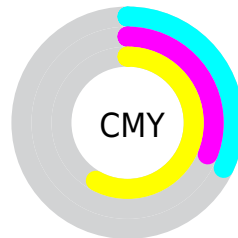


Cyan (2%)

Magenta (0%)

Yellow (40%)

Black (31%)



Cyan (32%)


Magenta (31%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9755, 0.3683, 0.4268 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 40.9755, 0.3683, 0.4268 by changing the saturation by 10% instead.


 40.9755, 0.3683,
0.4268


 40.9755, 0.3683,
0.4268


350.2182, 0.3413,
0.3764


 28.2999, 0.3744,
0.4396


 76.6467, 0.3589,
0.4083


 18.5519, 0.3818,
0.4559


 100.4111, 0.3552,
0.4014

 11.3469, 0.3906,
0.4773


 128.6406, 0.3521,
0.3955

 6.3007, 0.4004,
0.5059

 161.7196, 0.3493,
0.3906

 3.0288, 0.4289,
0.5711

200.0325, 0.3470,
0.3863

 1.1468, 0.4053,
0.5947

243.9636, 0.3449,

 0.0176, 0.0000,

0.3826

1.0000

293.8974, 0.3430,
0.3793

0.0000, 0.0000,
0.0000

40.9755, 0.3683,
0.4268

40.9755, 0.3683,
0.4268

40.5622, 0.3808,
0.4494

41.4681, 0.3547,
0.4026

40.2181, 0.3916,
0.4693

42.0387, 0.3406,
0.3776

39.9399, 0.4003,
0.4858


42.6931, 0.3263,
0.3527


39.7216, 0.4065,
0.4982

43.4350, 0.3124,
0.3285


39.5565, 0.4102,
0.5064

44.2678, 0.2991,
0.3055


 39.4303, 0.4119,
0.5111

 45.1947, 0.2866,
0.2840

 39.4278, 0.4119,
0.5112

 46.2189, 0.2750,
0.2641

 47.3433, 0.2643,
0.2459

 47.9522, 0.2599,
0.2381

Harmonies

Analogous

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



40.9755, 0.4079, 0.4040



40.9755, 0.3683, 0.4268



40.9755, 0.3158, 0.4201

Triad

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



40.9755, 0.3683, 0.4268



40.9755, 0.2146, 0.2779



40.9755, 0.3577, 0.2838

Complementary

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



40.9755, 0.3683, 0.4268



16.6857, 0.2434, 0.2105

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.



40.9755, 0.3019, 0.2555



40.9755, 0.3683, 0.4268



40.9755, 0.2233, 0.2498

Square

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



40.9755, 0.3683, 0.4268



40.9755, 0.2289, 0.3255



40.9755, 0.2537, 0.2431



40.9755, 0.4032, 0.3226

Rectangle

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



40.9755, 0.3683, 0.4268



40.9755, 0.2808, 0.3967



40.9755, 0.2537, 0.2431



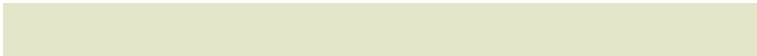
40.9755, 0.3392, 0.2729

Sweetspot

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



40.9774, 0.3683, 0.4268



77.1242, 0.3298, 0.3587



21.0597, 0.4093, 0.3328



16.6808, 0.3315, 0.3618



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.



40.9774, 0.3683, 0.4268



73.6269, 0.3797, 0.4473



37.5521, 0.3353, 0.4385



9.8877, 0.3257, 0.3515



28.9334, 0.4120, 0.5111



0.9160, 0.4142, 0.5094

Inverse Universe

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



16.6857, 0.2434, 0.2105



23.2499, 0.2246, 0.1790



19.3046, 0.2795, 0.2214



8.2470, 0.2991, 0.3055



2.3423, 0.1517, 0.0609



0.0794, 0.1586, 0.0647

Previews

White Background



This preview shows how the Yxy color 40.9755, 0.3683, 0.4268 looks on a white background.

Color Contrast Check

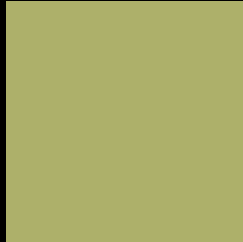
Large Text (above 18pt) WCAG AA × Fail

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 40.9755, 0.3683, 0.4268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

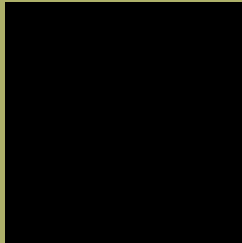
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9755, 0.3683, 0.4268

Background



This preview shows how black text looks on a background with the Yxy color 40.9755, 0.3683, 0.4268.



This preview shows how white text looks on a background with the Yxy color 40.9755, 0.3683, 0.4268.

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

40.9755, 0.3683, 0.4268

Protanopia

40.6901, 0.3863, 0.4186

Deuteranopia

40.9204, 0.4061, 0.3979



Tritanopia

40.8778, 0.3154, 0.3118

Trichromacy



Original Color

40.9755, 0.3683, 0.4268

Protanomaly

40.8521, 0.3794, 0.4214

Deuteranomaly

40.6901, 0.3926, 0.4074

Tritanomaly

40.6331, 0.3358, 0.3525

Monochromacy



Original Color

40.9755, 0.3683, 0.4268

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2288, 0.3333, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9755, 0.3683, 0.4268 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(173, 176, 106)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 106)  
}
```

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(173, 176, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 106) }
```

Border

The CSS property to change the border of an element to Yxy 40.9755, 0.3683, 0.4268 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(173, 176, 106) }
```

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

```
.border{ border-color:rgb(173, 176, 106) }
```

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

Here you see how a box with a 4 pixel rgb(173, 176, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 106);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9755, 0.3683, 0.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 106) }
```

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

```
.background{ background-color: rgb(173,  
176, 106) }
```

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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