

Converting Colors

$Y_{xy}(40.3616, 0.3528, 0.3911)$

Have a look what the booklet for
Yxy(40.3616, 0.3528, 0.3911)
contains.

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Color

Yxy(40.5596, 0.3532, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	AFAD80
RGB	175, 173, 128
RGB Percent	69%, 68%, 50%
CMY	0.3136, 0.3216, 0.4980
CMYK	0.00, 0.01, 0.27, 0.31
HSL	57°, 23%, 59%
HSV	57°, 27%, 69%
XYZ	36.5264, 40.5596, 26.3296
YIQ	168.4680, 15.6370, -13.5710

Conversions

Conversions Part 2

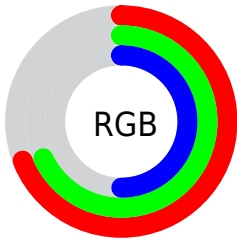
Format	Color
RYB	130, 175, 128
Decimal	11513216
CIELab	69.87, -6.60, 23.44
CIELCh	70, 24.353, 105.712
Yxy	40.5596, 0.3532, 0.3922
Android (android.graphics.Color)	4289703296 (0xFFAFAD80)
YUV	168.4680, -19.9507, 5.7286
Hunter-Lab	63.6864, -9.0752, 20.0685

Details

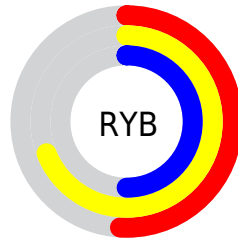
The Yxy color $40.5596, 0.3532, 0.3922$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $23.6688, 0.2673, 0.2568$, and the grayscale version is $39.4982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8119, 0.3460, 0.3799$, and $18.3624, 0.3649, 0.4127$ is the 20% darker color. If you saturate the color by 10%, you get $39.8478, 0.3684, 0.4155$, and if you desaturate by 10%, it is $41.3562, 0.3378, 0.3684$.

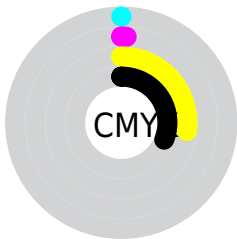
Distribution



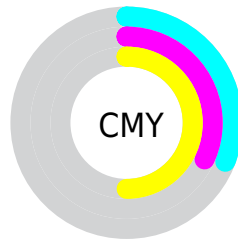
- Red (69%)
- Green (68%)
- Blue (50%)



- Red (51%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (31%)




- Cyan (31%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5596, 0.3532, 0.3922 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 40.5596, 0.3532, 0.3922 by changing the saturation by 10% instead.

 40.5596, 0.3532,
0.3922


 40.5596, 0.3532,
0.3922


348.4766, 0.3329,
0.3596

 27.9751, 0.3582,
0.4006


 76.0149, 0.3459,
0.3801

 18.3069, 0.3645,
0.4115


 99.6545, 0.3431,
0.3757

 11.1706, 0.3727,
0.4262


 127.7480, 0.3407,
0.3719

 6.1817, 0.3837,
0.4469

160.6797, 0.3387,
0.3687

 2.9559, 0.3991,
0.4786

198.8340, 0.3370,
0.3659

 1.1087, 0.4418,
0.5582

242.5953, 0.3355,

 0.0000, 0.0000,

0.3635

0.0000

292.3480, 0.3341,
0.3614

■ 40.5596, 0.3532,
0.3922

■ 40.5596, 0.3532,
0.3922

■ 39.8478, 0.3684,
0.4155

■ 41.3562, 0.3378,
0.3684

■ 39.2113, 0.3828,
0.4374

■ 42.2361, 0.3227,
0.3448

■ 38.6474, 0.3959,
0.4570

■ 43.2044, 0.3083,
0.3220

■ 38.1513, 0.4071,
0.4733

■ 44.2646, 0.2946,
0.3003

■ 37.7174, 0.4160,
0.4858

■ 45.4199, 0.2819,
0.2801

■ 37.3392, 0.4223,
0.4939

■ 46.6732, 0.2702,
0.2615

■ 37.0077, 0.4261,
0.4981

■ 48.0274, 0.2596,
0.2444

■ 36.9078, 0.4271,
0.4991

■ 48.6164, 0.2571,
0.2410

■ 48.9232, 0.2572,
0.2419

Harmonies

Analogous

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



40.5596, 0.3772, 0.3782



40.5596, 0.3532, 0.3922



40.5596, 0.3191, 0.3880

Triad

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



40.5596, 0.3532, 0.3922



40.5596, 0.2467, 0.2989



40.5596, 0.3394, 0.2966

Complementary

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



40.5596, 0.3532, 0.3922



23.6688, 0.2673, 0.2568

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.



40.5596, 0.3031, 0.2778



40.5596, 0.3532, 0.3922



40.5596, 0.2512, 0.2776

Square

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



40.5596, 0.3532, 0.3922



40.5596, 0.2585, 0.3309



40.5596, 0.2713, 0.2707



40.5596, 0.3695, 0.3234

Rectangle

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



40.5596, 0.3532, 0.3922



40.5596, 0.2955, 0.3743



40.5596, 0.2713, 0.2707



40.5596, 0.3274, 0.2893

Sweetspot

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



40.5614, 0.3532, 0.3922



75.3952, 0.3246, 0.3477



26.1819, 0.3665, 0.3257



16.7038, 0.3269, 0.3512



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.



40.5614, 0.3532, 0.3922



71.8627, 0.3619, 0.4056



39.0928, 0.3324, 0.3994



9.2695, 0.3264, 0.3505



26.4412, 0.4270, 0.4992



0.7535, 0.4245, 0.5012

Inverse Universe

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



23.6688, 0.2673, 0.2568



36.7257, 0.2562, 0.2388



24.9445, 0.2882, 0.2578



7.8111, 0.2985, 0.3066



2.3589, 0.1510, 0.0635



0.0834, 0.1551, 0.0784

Previews

White Background



This preview shows how the Yxy color 40.5596, 0.3532, 0.3922 looks on a white background.

Color Contrast Check

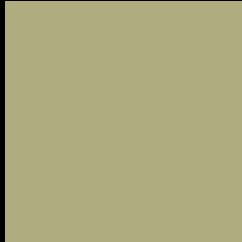
Large Text (above 18pt) WCAG AA × Fail

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 40.5596, 0.3532, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

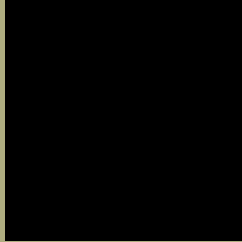
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5596, 0.3532, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 40.5596, 0.3532, 0.3922.



This preview shows how white text looks on a background with the Yxy color 40.5596, 0.3532, 0.3922.

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

40.5596, 0.3532, 0.3922

Protanopia

40.3490, 0.3630, 0.3881

Deuteranopia

40.5801, 0.3806, 0.3732



Tritanopia

40.3509, 0.3154, 0.3117

Trichromacy



Original Color

40.5596, 0.3532, 0.3922

Protanomaly

40.3614, 0.3596, 0.3900

Deuteranomaly

40.4289, 0.3713, 0.3798

Tritanomaly

40.4977, 0.3298, 0.3414

Monochromacy



Original Color

40.5596, 0.3532, 0.3922

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7073, 0.3282, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5596, 0.3532, 0.3922 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(175, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 128)  
}
```

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(175, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 128) }
```

Border

The CSS property to change the border of an element to Yxy 40.5596, 0.3532, 0.3922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

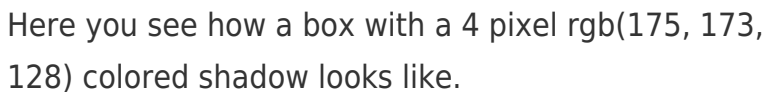
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 173, 128) }
```

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

```
.border{ border-color:rgb(175, 173, 128) }
```

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



Here you see how a box with a 4 pixel rgb(175, 173, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5596, 0.3532, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 128) }
```

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

```
.background{ background-color: rgb(175,  
173, 128) }
```

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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