

Converting Colors

$Y_{xy}(41.9380, 0.3484, 0.3975)$

Have a look what the booklet for
Yxy(41.9380, 0.3484, 0.3975)
contains.

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Color

Yxy(41.7999, 0.3482, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	ACB181
RGB	172, 177, 129
RGB Percent	67%, 69%, 51%
CMY	0.3254, 0.3059, 0.4942
CMYK	0.03, 0.00, 0.27, 0.31
HSL	66°, 24%, 60%
HSV	66°, 27%, 69%
XYZ	36.6988, 41.7999, 26.8970
YIQ	170.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

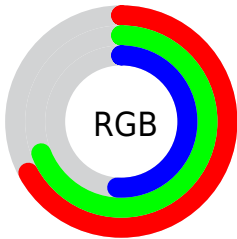
Format	Color
R _Y B	129, 177, 134
Decimal	11317633
CIE Lab	70.73, -9.76, 24.05
CIE LCh	71, 25.953, 112.087
Yxy	41.7999, 0.3482, 0.3966
Android (android.graphics.Color)	4289507713 (0xFFACB181)
YUV	170.0330, -20.2293, 1.7251
Hunter-Lab	64.6528, -11.8209, 20.5911

Details

The Yxy color $41.7999, 0.3482, 0.3966$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $23.9373, 0.2713, 0.2535$, and the grayscale version is $40.3149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1492, 0.3421, 0.3842$, and $18.9018, 0.3581, 0.4171$ is the 20% darker color. If you saturate the color by 10%, you get $41.1644, 0.3609, 0.4218$, and if you desaturate by 10%, it is $42.5235, 0.3351, 0.3712$.

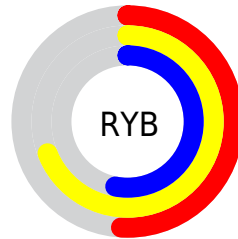
Distribution



Red (67%)

Green (69%)

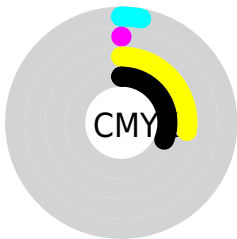
Blue (51%)



Red (51%)

Yellow (69%)

Blue (53%)

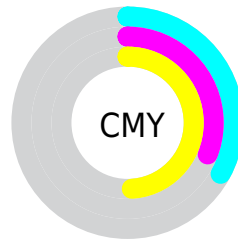


Cyan (3%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (33%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7999, 0.3482, 0.3966 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 41.7999, 0.3482, 0.3966 by changing the saturation by 10% instead.


 41.7999, 0.3482,
0.3966

 41.7999, 0.3482,
0.3966


353.6528, 0.3307,
0.3616

 28.9446, 0.3524,
0.4056


 77.8967, 0.3419,
0.3836

 19.0389, 0.3577,
0.4174


 101.9070, 0.3395,
0.3789

 11.6984, 0.3644,
0.4332


 130.4045, 0.3375,
0.3748

 6.5387, 0.3731,
0.4556

163.7735, 0.3358,
0.3714

 3.1753, 0.3844,
0.4895

202.3984, 0.3342,
0.3685

 1.2239, 0.4216,
0.5784

246.6637, 0.3329,

 0.0811, 0.0000,

0.3659

1.0000

296.9537, 0.3317,
0.3636

0.0000, 0.0000,
0.0000

41.7999, 0.3482,
0.3966

41.7999, 0.3482,
0.3966

41.1644, 0.3609,
0.4218

42.5235, 0.3351,
0.3712

40.6073, 0.3726,
0.4458

43.3336, 0.3219,
0.3462

40.1257, 0.3829,
0.4676

44.2357, 0.3091,
0.3223

39.7147, 0.3911,
0.4863

45.2333, 0.2969,
0.2997

39.3685, 0.3969,
0.5012

46.3295, 0.2854,
0.2788

■ 39.0805, 0.4002,
0.5117

■ 47.5276, 0.2747,
0.2596

■ 38.8409, 0.4011,
0.5181

■ 48.8305, 0.2648,
0.2421

■ 38.7758, 0.4012,
0.5196

■ 49.1960, 0.2649,
0.2404

■ 49.4291, 0.2661,
0.2407

Harmonies

Analogous

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



41.7999, 0.3767, 0.3852



41.7999, 0.3482, 0.3966



41.7999, 0.3112, 0.3877

Triad

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



41.7999, 0.3482, 0.3966



41.7999, 0.2428, 0.2912



41.7999, 0.3485, 0.3004

Complementary

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



41.7999, 0.3482, 0.3966



23.9373, 0.2713, 0.2535

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.



41.7999, 0.3106, 0.2785



41.7999, 0.3482, 0.3966



41.7999, 0.2512, 0.2720

Square

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



41.7999, 0.3482, 0.3966



41.7999, 0.2516, 0.3231



41.7999, 0.2753, 0.2681



41.7999, 0.3776, 0.3295

Rectangle

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



41.7999, 0.3482, 0.3966



41.7999, 0.2870, 0.3707



41.7999, 0.2753, 0.2681



41.7999, 0.3363, 0.2920

Sweetspot

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



41.8018, 0.3482, 0.3966



77.4532, 0.3232, 0.3487



27.9232, 0.3683, 0.3362



16.7371, 0.3252, 0.3523



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.



41.8018, 0.3482, 0.3966



74.1119, 0.3565, 0.4129



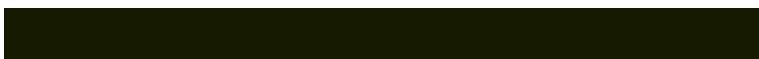
39.3436, 0.3260, 0.4017



9.8609, 0.3248, 0.3516



28.1090, 0.4014, 0.5194



0.8972, 0.4068, 0.5152

Inverse Universe

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



23.9373, 0.2713, 0.2535



36.3622, 0.2595, 0.2327



26.1193, 0.2954, 0.2585



8.2710, 0.3000, 0.3056



2.4092, 0.1542, 0.0623



0.0895, 0.1702, 0.0711

Previews

White Background



This preview shows how the Yxy color 41.7999, 0.3482, 0.3966 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 41.7999, 0.3482, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

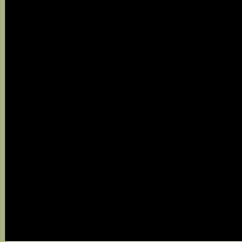
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

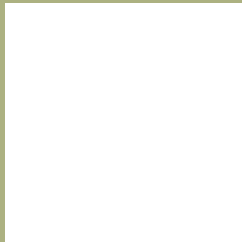
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7999, 0.3482, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 41.7999, 0.3482, 0.3966.



This preview shows how white text looks on a background with the Yxy color 41.7999, 0.3482, 0.3966.

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

41.7999, 0.3482, 0.3966

Protanopia

41.8585, 0.3648, 0.3913

Deuteranopia

41.6076, 0.3808, 0.3740



Tritanopia

41.7521, 0.3099, 0.3117

Trichromacy



Original Color

41.7999, 0.3482, 0.3966

Protanomaly

41.6544, 0.3587, 0.3922

Deuteranomaly

41.5676, 0.3692, 0.3823

Tritanomaly

41.7616, 0.3238, 0.3427

Monochromacy



Original Color

41.7999, 0.3482, 0.3966

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.9116, 0.3260, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7999, 0.3482, 0.3966 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(172, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 129)  
}
```

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(172, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.7999, 0.3482, 0.3966 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(172, 177, 129) }
```

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

```
.border{ border-color:rgb(172, 177, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7999, 0.3482, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 129) }
```

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

```
.background{ background-color: rgb(172,  
177, 129) }
```

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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