

Converting Colors

$Yxy(41.5452, 0.3428, 0.3929)$

Have a look what the booklet for
Yxy(41.5452, 0.3428, 0.3929)
contains.

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Color

Yxy(41.5452, 0.3428, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	A9B184
RGB	169, 177, 132
RGB Percent	66%, 69%, 52%
CMY	0.3373, 0.3059, 0.4823
CMYK	0.05, 0.00, 0.25, 0.31
HSL	71°, 22%, 61%
HSV	71°, 25%, 69%
XYZ	36.2476, 41.5452, 27.9471
YIQ	169.4780, 9.6770, -15.6910

Conversions

Conversions Part 2

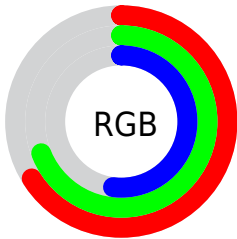
Format	Color
RYB	132, 177, 140
Decimal	11121028
CIELab	70.56, -10.50, 22.13
CIELCh	71, 24.495, 115.373
Yxy	41.5452, 0.3428, 0.3929
Android (android.graphics.Color)	4289311108 (0xFFA9B184)
YUV	169.4780, -18.4767, -0.4192
Hunter-Lab	64.4556, -12.4149, 19.4116

Details

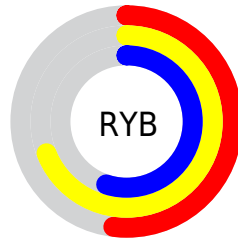
The Yxy color **41.5452, 0.3428, 0.3929** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.2641, 0.2776, 0.2596**, and the grayscale version is **40.0156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7882, 0.3380, 0.3813**, and **18.7375, 0.3507, 0.4124** is the 20% darker color. If you saturate the color by 10%, you get **40.7577, 0.3543, 0.4189**, and if you desaturate by 10%, it is **42.4271, 0.3309, 0.3670**.

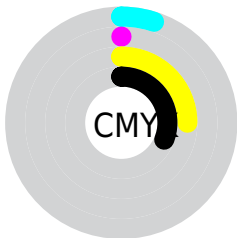
Distribution



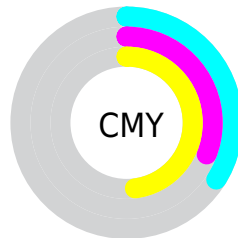
- Red (66%)
- Green (69%)
- Blue (52%)



- Red (52%)
- Yellow (69%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)





- Cyan (34%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5452, 0.3428, 0.3929 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 41.5452, 0.3428, 0.3929 by changing the saturation by 10% instead.


 41.5452, 0.3428,
0.3929


 41.5452, 0.3428,
0.3929

352.5941, 0.3280,
0.3597

 28.7453, 0.3464,
0.4015


 77.5108, 0.3375,
0.3806

 18.8883, 0.3509,
0.4128


 101.4454, 0.3355,
0.3760

 11.5896, 0.3566,
0.4281


 129.8603, 0.3337,
0.3722

 6.4649, 0.3640,
0.4499

163.1400, 0.3323,
0.3690

 3.1298, 0.3733,
0.4830

201.6688, 0.3310,
0.3662

 1.1998, 0.4160,
0.5840

245.8312, 0.3298,

 0.0616, 0.0000,

0.3637

1.0000

296.0115, 0.3288,
0.3616

0.0000, 0.0000,
0.0000

41.5452, 0.3428,
0.3929

41.5452, 0.3428,
0.3929

40.7577, 0.3543,
0.4189

42.4271, 0.3309,
0.3670

40.0548, 0.3649,
0.4442

43.4017, 0.3190,
0.3420

39.4337, 0.3740,
0.4678

44.4746, 0.3075,
0.3183

38.8896, 0.3813,
0.4886

45.6492, 0.2964,
0.2962

38.4166, 0.3863,
0.5057

46.9287, 0.2860,
0.2758

■ 38.0084, 0.3887,
0.5185

■ 48.3165, 0.2763,
0.2572

■ 37.6567, 0.3887,
0.5269

■ 49.7552, 0.2679,
0.2411

■ 37.5060, 0.3882,
0.5299

■ 50.1693, 0.2702,
0.2417

■ 50.5923, 0.2724,
0.2422

Harmonies

Analogous

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



41.5452, 0.3710, 0.3842



41.5452, 0.3428, 0.3929



41.5452, 0.3075, 0.3822

Triad

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



41.5452, 0.3428, 0.3929



41.5452, 0.2465, 0.2907



41.5452, 0.3502, 0.3047

Complementary

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



41.5452, 0.3428, 0.3929



25.2641, 0.2776, 0.2596

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.



41.5452, 0.3148, 0.2828



41.5452, 0.3428, 0.3929



41.5452, 0.2562, 0.2739

Square

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



41.5452, 0.3428, 0.3929



41.5452, 0.2531, 0.3199



41.5452, 0.2806, 0.2716



41.5452, 0.3760, 0.3328

Rectangle

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



41.5452, 0.3428, 0.3929



41.5452, 0.2849, 0.3650



41.5452, 0.2806, 0.2716



41.5452, 0.3389, 0.2964

Sweetspot

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



41.5470, 0.3428, 0.3929



77.2310, 0.3223, 0.3487



29.6317, 0.3628, 0.3401



16.6804, 0.3240, 0.3524



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.



41.5470, 0.3428, 0.3929



73.6615, 0.3487, 0.4062



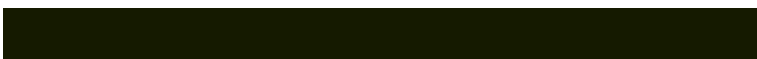
39.3188, 0.3225, 0.3972



9.8285, 0.3237, 0.3517



27.1956, 0.3886, 0.5297



0.8757, 0.3977, 0.5224

Inverse Universe

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



25.2641, 0.2776, 0.2596



39.9294, 0.2691, 0.2436



27.3670, 0.2998, 0.2639



8.3006, 0.3012, 0.3057



2.5370, 0.1590, 0.0650



0.1017, 0.1837, 0.0786

Previews

White Background



This preview shows how the Yxy color 41.5452, 0.3428, 0.3929 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 41.5452, 0.3428, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

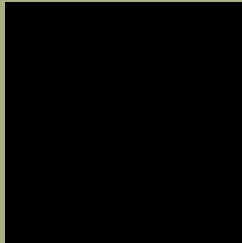
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

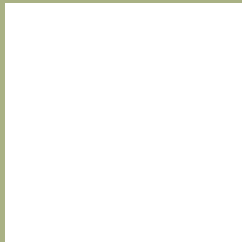
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5452, 0.3428, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 41.5452, 0.3428, 0.3929.



This preview shows how white text looks on a background with the Yxy color 41.5452, 0.3428, 0.3929.

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

41.5452, 0.3428, 0.3929

Protanopia

41.4310, 0.3615, 0.3862

Deuteranopia

41.1881, 0.3774, 0.3691



Tritanopia

41.4402, 0.3065, 0.3103

Trichromacy



Original Color

41.5452, 0.3428, 0.3929

Protanomaly

41.4945, 0.3541, 0.3885

Deuteranomaly

41.0165, 0.3649, 0.3774

Tritanomaly

41.4880, 0.3194, 0.3400

Monochromacy



Original Color

41.5452, 0.3428, 0.3929

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3404, 0.3235, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5452, 0.3428, 0.3929 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(169, 177, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 132)  
}
```

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(169, 177, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 132) }
```

Border

The CSS property to change the border of an element to Yxy 41.5452, 0.3428, 0.3929 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(169, 177, 132) }
```

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

```
.border{ border-color:rgb(169, 177, 132) }
```

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

Here you see how a box with a 4 pixel rgb(169, 177, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5452, 0.3428, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 132) }
```

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

```
.background{ background-color: rgb(169,  
177, 132) }
```

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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