

Converting Colors

$Yxy(41.2367, 0.3420, 0.3826)$

Have a look what the booklet for
Yxy(41.2367, 0.3420, 0.3826)
contains.

Yxy(41.2367, 0.3420, 0.3826)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.2367, 0.3420, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	ACAF89
RGB	172, 175, 137
RGB Percent	67%, 69%, 54%
CMY	0.3254, 0.3137, 0.4627
CMYK	0.02, 0.00, 0.22, 0.31
HSL	65°, 19%, 61%
HSV	65°, 22%, 69%
XYZ	36.8608, 41.2367, 29.6827
YIQ	169.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

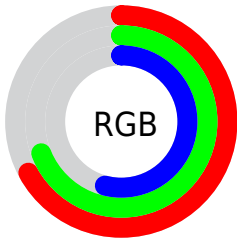
Format	Color
RYB	137, 175, 140
Decimal	11317129
CIELab	70.34, -7.54, 19.18
CIELCh	70, 20.611, 111.450
Yxy	41.2367, 0.3420, 0.3826
Android (android.graphics.Color)	4289507209 (0xFFACAF89)
YUV	169.7710, -16.1561, 1.9548
Hunter-Lab	64.2158, -9.9160, 17.5453

Details

The Yxy color $41.2367, 0.3420, 0.3826$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $26.5603, 0.2797, 0.2702$, and the grayscale version is $40.1583, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8492, 0.3367, 0.3713$, and $18.7760, 0.3494, 0.3998$ is the 20% darker color. If you saturate the color by 10%, you get $40.6216, 0.3554, 0.4078$, and if you desaturate by 10%, it is $41.9385, 0.3284, 0.3575$.

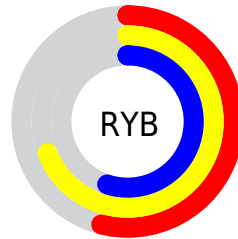
Distribution



Red (67%)

Green (69%)

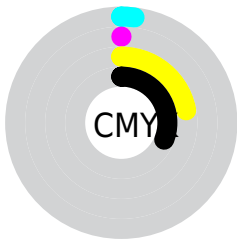
Blue (54%)



Red (54%)

Yellow (69%)

Blue (55%)

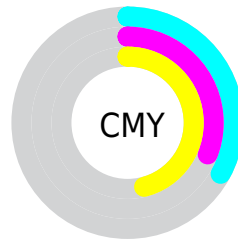


Cyan (2%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (33%)


Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2367, 0.3420, 0.3826 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 41.2367, 0.3420, 0.3826 by changing the saturation by 10% instead.


 41.2367, 0.3420,
0.3826


 41.2367, 0.3420,
0.3826


351.3089, 0.3274,
0.3549


 28.5041, 0.3456,
0.3898


 77.0431, 0.3367,
0.3723

 18.7060, 0.3502,
0.3992


 100.8856, 0.3347,
0.3685

 11.4580, 0.3562,
0.4120


 129.2003, 0.3330,
0.3653

 6.3758, 0.3643,
0.4302

162.3714, 0.3316,
0.3626

 3.0749, 0.3754,
0.4580

200.7835, 0.3303,
0.3603

 1.1710, 0.4361,
0.5639

244.8208, 0.3292,

 0.0378, 0.0000,

0.3582

1.0000

294.8678, 0.3282,
0.3565

■ 0.0000, 0.0000,
0.0000

■ 41.2367, 0.3420,
0.3826

■ 41.2367, 0.3420,
0.3826

■ 40.6216, 0.3554,
0.4078

■ 41.9385, 0.3284,
0.3575

■ 40.0838, 0.3682,
0.4322

■ 42.7253, 0.3150,
0.3331

■ 39.6209, 0.3798,
0.4549

■ 43.6022, 0.3021,
0.3099

■ 39.2282, 0.3896,
0.4750

■ 44.5725, 0.2899,
0.2882

■ 38.9006, 0.3972,
0.4914

■ 45.6394, 0.2785,
0.2681

■ 38.6321, 0.4023,
0.5038

■ 46.8057, 0.2680,
0.2497

■ 38.4157, 0.4049,
0.5118

■ 47.7811, 0.2611,
0.2372

■ 38.2635, 0.4057,
0.5161

■ 47.9488, 0.2620,
0.2374

■ 48.1182, 0.2630,
0.2377

Harmonies

Analogous

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



41.2367, 0.3643, 0.3739



41.2367, 0.3420, 0.3826



41.2367, 0.3125, 0.3755

Triad

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



41.2367, 0.3420, 0.3826



41.2367, 0.2563, 0.2996



41.2367, 0.3408, 0.3055

Complementary

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



41.2367, 0.3420, 0.3826



26.5603, 0.2797, 0.2702

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.



41.2367, 0.3106, 0.2878



41.2367, 0.3420, 0.3826



41.2367, 0.2629, 0.2835

Square

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



41.2367, 0.3420, 0.3826



41.2367, 0.2638, 0.3253



41.2367, 0.2823, 0.2797



41.2367, 0.3639, 0.3293

Rectangle

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



41.2367, 0.3420, 0.3826



41.2367, 0.2930, 0.3624



41.2367, 0.2823, 0.2797



41.2367, 0.3311, 0.2987

Sweetspot

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



41.2385, 0.3420, 0.3826



75.7378, 0.3222, 0.3461



29.5399, 0.3550, 0.3328



16.8156, 0.3229, 0.3476



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.



41.2385, 0.3420, 0.3826



73.3152, 0.3484, 0.3946



39.2839, 0.3247, 0.3857



9.2977, 0.3251, 0.3515



27.4139, 0.4059, 0.5159



0.7719, 0.4102, 0.5125

Inverse Universe

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



26.5603, 0.2797, 0.2702



42.3637, 0.2714, 0.2555



28.3095, 0.2982, 0.2733



7.7862, 0.2997, 0.3056



2.2934, 0.1531, 0.0617



0.0733, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 41.2367, 0.3420, 0.3826 looks on a white background.

Color Contrast Check

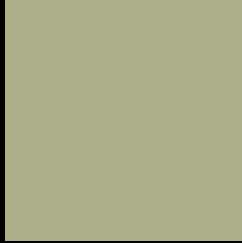
Large Text (above 18pt) WCAG AA × Fail

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 41.2367, 0.3420, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

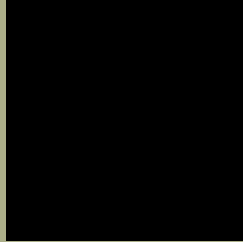
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

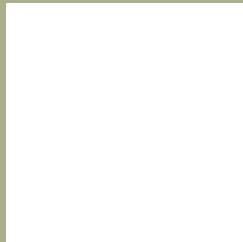
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2367, 0.3420, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 41.2367, 0.3420, 0.3826.



This preview shows how white text looks on a background with the Yxy color 41.2367, 0.3420, 0.3826.

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

41.2367, 0.3420, 0.3826

Protanopia

41.3216, 0.3552, 0.3797

Deuteranopia

41.0537, 0.3707, 0.3629



Tritanopia

41.2183, 0.3099, 0.3116

Trichromacy



Original Color

41.2367, 0.3420, 0.3826

Protanomaly

41.2484, 0.3501, 0.3802

Deuteranomaly

41.1581, 0.3603, 0.3706

Tritanomaly

41.1091, 0.3215, 0.3359

Monochromacy



Original Color

41.2367, 0.3420, 0.3826

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6316, 0.3236, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2367, 0.3420, 0.3826 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, 175, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 137)  
}
```

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, 175, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 137) }
```

Border

The CSS property to change the border of an element to Yxy 41.2367, 0.3420, 0.3826 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, 175, 137) }
```

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

```
.border{ border-color:rgb(172, 175, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2367, 0.3420, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 137) }
```

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

```
.background{ background-color: rgb(172,  
175, 137) }
```

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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