

Converting Colors

$Yxy(42.8455, 0.3387, 0.3950)$

Have a look what the booklet for
Yxy(42.8455, 0.3387, 0.3950)
contains.

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Color

Yxy(42.9845, 0.3383, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	A7B586
RGB	167, 181, 134
RGB Percent	65%, 71%, 53%
CMY	0.3452, 0.2901, 0.4745
CMYK	0.08, 0.00, 0.26, 0.29
HSL	78°, 24%, 62%
HSV	78°, 26%, 71%
XYZ	36.7585, 42.9845, 28.9135
YIQ	171.4560, 6.7430, -17.5850

Conversions

Conversions Part 2

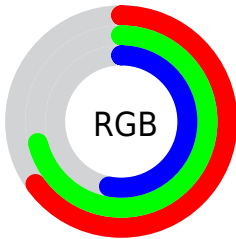
Format	Color
RYB	134, 181, 148
Decimal	10990982
CIELab	71.54, -13.06, 22.39
CIELCh	72, 25.918, 120.258
Yxy	42.9845, 0.3383, 0.3956
Android (android.graphics.Color)	4289181062 (0xFFA7B586)
YUV	171.4560, -18.4658, -3.9079
Hunter-Lab	65.5626, -14.6562, 19.7465

Details

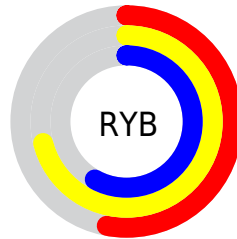
The Yxy color $42.9845, 0.3383, 0.3956$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.6872, 0.2821, 0.2588$, and the grayscale version is $41.0569, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6858, 0.3339, 0.3835$, and $19.7233, 0.3455, 0.4157$ is the 20% darker color. If you saturate the color by 10%, you get $41.9472, 0.3476, 0.4228$, and if you desaturate by 10%, it is $44.1366, 0.3285, 0.3689$.

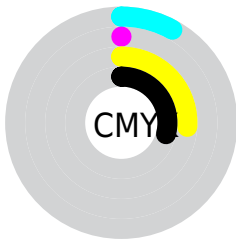
Distribution



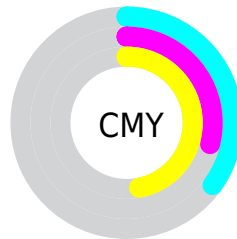
- Red (65%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)




- Cyan (35%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9845, 0.3383, 0.3956 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 42.9845, 0.3383, 0.3956 by changing the saturation by 10% instead.

 42.9845, 0.3383,
0.3956

 42.9845, 0.3383,
0.3956

358.5480, 0.3259,
0.3611


 29.8730, 0.3412,
0.4046


 79.6875, 0.3339,
0.3828

 19.7422, 0.3448,
0.4163


 104.0477, 0.3322,
0.3780

 12.2078, 0.3493,
0.4322


 132.9262, 0.3308,
0.3741

 6.8853, 0.3549,
0.4549

166.7075, 0.3296,
0.3707

 3.3905, 0.3614,
0.4894

205.7760, 0.3285,
0.3678

 1.3388, 0.4012,
0.5988

250.5159, 0.3275,

 0.1710, 0.0000,

0.3652

1.0000

301.3118, 0.3267,
0.3630

0.0000, 0.0000,
0.0000

42.9845, 0.3383,
0.3956

42.9845, 0.3383,
0.3956

41.9472, 0.3476,
0.4228

44.1366, 0.3285,
0.3689

41.0144, 0.3560,
0.4498

45.4024, 0.3186,
0.3435

40.1829, 0.3629,
0.4754

46.7876, 0.3088,
0.3196

39.4471, 0.3679,
0.4984

48.2964, 0.2994,
0.2976

38.8008, 0.3707,
0.5178

49.9323, 0.2906,
0.2774

■ 38.2366, 0.3709,
0.5327

■ 51.6989, 0.2822,
0.2591

■ 37.7455, 0.3687,
0.5429

■ 53.2263, 0.2781,
0.2480

■ 37.5605, 0.3676,
0.5463

■ 54.0078, 0.2821,
0.2488

■ 54.8160, 0.2861,
0.2498

Harmonies

Analogous

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



42.9845, 0.3697, 0.3894



42.9845, 0.3383, 0.3956



42.9845, 0.3012, 0.3811

Triad

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



42.9845, 0.3383, 0.3956



42.9845, 0.2441, 0.2850



42.9845, 0.3573, 0.3080

Complementary

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



42.9845, 0.3383, 0.3956



26.6872, 0.2821, 0.2588

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.



42.9845, 0.3211, 0.2839



42.9845, 0.3383, 0.3956



42.9845, 0.2569, 0.2701

Square

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



42.9845, 0.3383, 0.3956



42.9845, 0.2482, 0.3137



42.9845, 0.2844, 0.2702



42.9845, 0.3817, 0.3379

Rectangle

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



42.9845, 0.3383, 0.3956



42.9845, 0.2784, 0.3614



42.9845, 0.2844, 0.2702



42.9845, 0.3460, 0.2991

Sweetspot

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



42.9864, 0.3383, 0.3956



80.7940, 0.3207, 0.3488



32.5140, 0.3624, 0.3481



17.3880, 0.3222, 0.3526



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9864, 0.3383, 0.3956



75.9196, 0.3436, 0.4107



40.7203, 0.3179, 0.4000



9.7767, 0.3219, 0.3518



25.9267, 0.3682, 0.5458



0.8443, 0.3831, 0.5340

Inverse Universe

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



26.6872, 0.2821, 0.2588



41.9121, 0.2741, 0.2418



29.0257, 0.3051, 0.2634



8.3491, 0.3030, 0.3058



2.8739, 0.1713, 0.0717



0.1215, 0.2039, 0.0897

Previews

White Background



This preview shows how the Yxy color 42.9845, 0.3383, 0.3956 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 42.9845, 0.3383, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

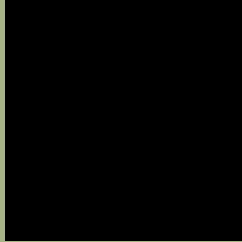
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9845, 0.3383, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 42.9845, 0.3383, 0.3956.



This preview shows how white text looks on a background with the Yxy color 42.9845, 0.3383, 0.3956.

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

42.9845, 0.3383, 0.3956

Protanopia

42.8634, 0.3615, 0.3882

Deuteranopia

42.7905, 0.3763, 0.3685



Tritanopia

42.9016, 0.3014, 0.3104

Trichromacy



Original Color

42.9845, 0.3383, 0.3956

Protanomaly

42.8135, 0.3533, 0.3907

Deuteranomaly

42.7411, 0.3617, 0.3782

Tritanomaly

42.9294, 0.3148, 0.3414

Monochromacy



Original Color

42.9845, 0.3383, 0.3956

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6746, 0.3223, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9845, 0.3383, 0.3956 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(167, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 134)  
}
```

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(167, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 134) }
```

Border

The CSS property to change the border of an element to Yxy 42.9845, 0.3383, 0.3956 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(167, 181, 134) }
```

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

```
.border{ border-color:rgb(167, 181, 134) }
```

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

Here you see how a box with a 4 pixel rgb(167, 181, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 181, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 181, 134);  
box-shadow:4px 4px 4px 4px rgb(167, 181,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9845, 0.3383, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 134) }
```

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

```
.background{ background-color: rgb(167,  
181, 134) }
```

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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