

Converting Colors

$Yxy(42.9903, 0.3384, 0.3771)$

Have a look what the booklet for
Yxy(42.9903, 0.3384, 0.3771)
contains.

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Color

Yxy(42.9379, 0.3390, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	AFB28F
RGB	175, 178, 143
RGB Percent	69%, 70%, 56%
CMY	0.3137, 0.3020, 0.4392
CMYK	0.02, 0.00, 0.20, 0.30
HSL	65°, 19%, 63%
HSV	65°, 20%, 70%
XYZ	38.5588, 42.9379, 32.2461
YIQ	173.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

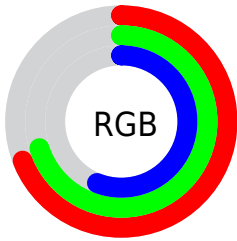
Format	Color
RYB	143, 178, 146
Decimal	11514511
CIELab	71.51, -7.07, 17.57
CIELCh	72, 18.942, 111.920
Yxy	42.9379, 0.3390, 0.3775
Android (android.graphics.Color)	4289704591 (0xFFAFB28F)
YUV	173.1130, -14.8457, 1.6549
Hunter-Lab	65.5270, -9.6355, 16.6921

Details

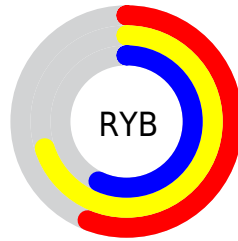
The Yxy color $42.9379, 0.3390, 0.3775$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.9746, 0.2834, 0.2764$, and the grayscale version is $41.9249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8658, 0.3343, 0.3685$, and $19.5951, 0.3456, 0.3907$ is the 20% darker color. If you saturate the color by 10%, you get $42.2669, 0.3524, 0.4028$, and if you desaturate by 10%, it is $43.7003, 0.3255, 0.3524$.

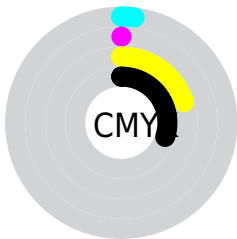
Distribution



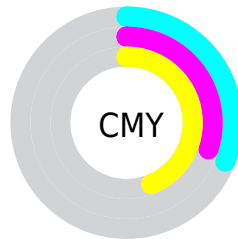
- Red (69%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)





- Cyan (31%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9379, 0.3390, 0.3775 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 42.9379, 0.3390, 0.3775 by changing the saturation by 10% instead.

 42.9379, 0.3390,
0.3775

 42.9379, 0.3390,
0.3775


358.3563, 0.3259,
0.3526

 29.8364, 0.3422,
0.3839


 79.6171, 0.3343,
0.3683

 19.7144, 0.3463,
0.3923


 103.9637, 0.3325,
0.3649

 12.1876, 0.3517,
0.4036


132.8273, 0.3310,
0.3620

 6.8716, 0.3589,
0.4196

166.5925, 0.3297,
0.3596

 3.3819, 0.3691,
0.4441

205.6436, 0.3285,
0.3575

 1.3342, 0.4139,
0.5236

250.3650, 0.3276,

 0.1675, 0.0000,

0.3556

1.0000

301.1411, 0.3267,
0.3540

0.0000, 0.0000,
0.0000

42.9379, 0.3390,
0.3775

42.9379, 0.3390,
0.3775

42.2669, 0.3524,
0.4028

43.7003, 0.3255,
0.3524

41.6775, 0.3652,
0.4276

44.5522, 0.3123,
0.3282

41.1674, 0.3770,
0.4509

45.4990, 0.2996,
0.3053

40.7317, 0.3871,
0.4717

46.5441, 0.2877,
0.2839

40.3651, 0.3950,
0.4891

47.6906, 0.2765,
0.2641

■ 40.0617, 0.4006,
0.5024

■ 48.9416, 0.2663,
0.2461

■ 39.8145, 0.4035,
0.5115

■ 49.4608, 0.2642,
0.2414

■ 39.6091, 0.4044,
0.5169

■ 49.6524, 0.2653,
0.2416

■ 39.6022, 0.4044,
0.5171

■ 49.8460, 0.2664,
0.2419

Harmonies

Analogous

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



42.9379, 0.3593, 0.3701



42.9379, 0.3390, 0.3775



42.9379, 0.3122, 0.3708

Triad

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



42.9379, 0.3390, 0.3775



42.9379, 0.2613, 0.3022



42.9379, 0.3386, 0.3080

Complementary

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



42.9379, 0.3390, 0.3775



28.9746, 0.2834, 0.2764

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.



42.9379, 0.3113, 0.2916



42.9379, 0.3390, 0.3775



42.9379, 0.2675, 0.2875

Square

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



42.9379, 0.3390, 0.3775



42.9379, 0.2681, 0.3254



42.9379, 0.2855, 0.2841



42.9379, 0.3593, 0.3298

Rectangle

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



42.9379, 0.3390, 0.3775



42.9379, 0.2945, 0.3588



42.9379, 0.2855, 0.2841



42.9379, 0.3298, 0.3017

Sweetspot

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



42.9398, 0.3390, 0.3775



79.7752, 0.3207, 0.3437



31.9841, 0.3500, 0.3333



17.6527, 0.3216, 0.3453



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.



42.9398, 0.3390, 0.3775



77.2664, 0.3454, 0.3896



41.0530, 0.3231, 0.3800



9.8689, 0.3250, 0.3516



28.3486, 0.4046, 0.5169



0.9027, 0.4090, 0.5135

Inverse Universe

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



28.9746, 0.2834, 0.2764



46.8597, 0.2753, 0.2619



30.6940, 0.3003, 0.2789



8.2638, 0.2998, 0.3056



2.3863, 0.1533, 0.0618



0.0865, 0.1668, 0.0692

Previews

White Background



This preview shows how the Yxy color 42.9379, 0.3390, 0.3775 looks on a white background.

Color Contrast Check

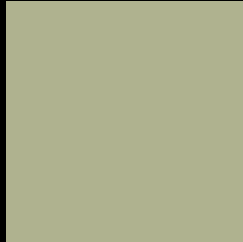
Large Text (above 18pt) WCAG AA × Fail

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 42.9379, 0.3390, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

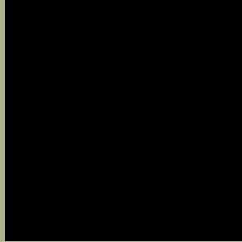
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

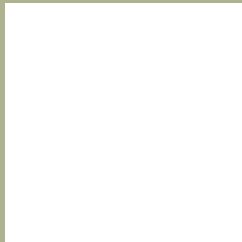
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9379, 0.3390, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 42.9379, 0.3390, 0.3775.



This preview shows how white text looks on a background with the Yxy color 42.9379, 0.3390, 0.3775.

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

42.9379, 0.3390, 0.3775

Protanopia

43.0221, 0.3519, 0.3748

Deuteranopia

42.6062, 0.3659, 0.3586



Tritanopia

42.8740, 0.3092, 0.3106

Trichromacy



Original Color

42.9379, 0.3390, 0.3775

Protanomaly

42.9487, 0.3469, 0.3753

Deuteranomaly

42.7251, 0.3558, 0.3661

Tritanomaly

42.7581, 0.3205, 0.3344

Monochromacy



Original Color

42.9379, 0.3390, 0.3775

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.2672, 0.3226, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9379, 0.3390, 0.3775 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, 178, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 143)  
}
```

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, 178, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 143) }
```

Border

The CSS property to change the border of an element to Yxy 42.9379, 0.3390, 0.3775 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, 178, 143) }
```

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

```
.border{ border-color:rgb(175, 178, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 143);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9379, 0.3390, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 143) }
```

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

```
.background{ background-color: rgb(175,  
178, 143) }
```

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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