

Converting Colors

$Yxy(42.0426, 0.3477, 0.4126)$

Have a look what the booklet for
Yxy(42.0426, 0.3477, 0.4126)
contains.

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Color

Yxy(42.1300, 0.3481, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	A6B479
RGB	166, 180, 121
RGB Percent	65%, 71%, 47%
CMY	0.3490, 0.2941, 0.5254
CMYK	0.08, 0.00, 0.33, 0.29
HSL	74°, 28%, 59%
HSV	74°, 33%, 71%
XYZ	35.5010, 42.1300, 24.3540
YIQ	169.0880, 10.5950, -21.3170

Conversions

Conversions Part 2

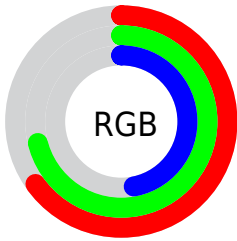
Format	Color
RYB	121, 180, 135
Decimal	10925177
CIELab	70.96, -14.75, 28.53
CIELCh	71, 32.113, 117.334
Yxy	42.1300, 0.3481, 0.4131
Android (android.graphics.Color)	4289115257 (0xFFA6B479)
YUV	169.0880, -23.7074, -2.7082
Hunter-Lab	64.9076, -15.9585, 23.1891

Details

The Yxy color **42.1300, 0.3481, 0.4131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.1246, 0.2686, 0.2371**, and the grayscale version is **39.8400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5765, 0.3423, 0.3969**, and **19.1573, 0.3560, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **41.2769, 0.3579, 0.4395**, and if you desaturate by 10%, it is **43.0846, 0.3375, 0.3865**.

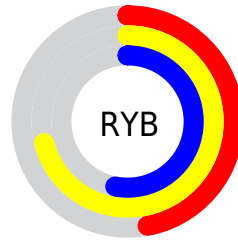
Distribution



Red (65%)

Green (71%)

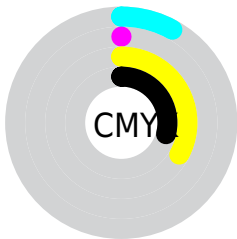
Blue (47%)



Red (47%)

Yellow (71%)

Blue (53%)

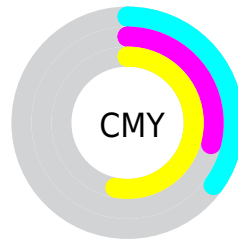


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (35%)

Magenta (29%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1300, 0.3481, 0.4131 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 42.1300, 0.3481, 0.4131 by changing the saturation by 10% instead.


 42.1300, 0.3481,
0.4131

 42.1300, 0.3481,
0.4131


355.0216, 0.3311,
0.3693


 29.2031, 0.3520,
0.4244


 78.3963, 0.3422,
0.3969

 19.2345, 0.3567,
0.4392


 102.5046, 0.3398,
0.3909

 11.8399, 0.3624,
0.4591


 131.1087, 0.3379,
0.3858

 6.6347, 0.3689,
0.4870

164.5931, 0.3361,
0.3815

 3.2347, 0.3788,
0.5334

203.3422, 0.3346,
0.3779

 1.2555, 0.3872,
0.6128

247.7404, 0.3333,

 0.1063, 0.0000,

0.3746

1.0000

298.1720, 0.3321,
0.3718

0.0000, 0.0000,
0.0000

42.1300, 0.3481,
0.4131

42.1300, 0.3481,
0.4131

41.2769, 0.3579,
0.4395

43.0846, 0.3375,
0.3865

40.5149, 0.3665,
0.4646

44.1394, 0.3266,
0.3605

39.8406, 0.3732,
0.4874


45.3004, 0.3157,
0.3356

39.2484, 0.3778,
0.5068


46.5714, 0.3051,
0.3123

38.7316, 0.3799,
0.5219


47.9561, 0.2950,
0.2907


 38.2823, 0.3794,
0.5325

 49.4579, 0.2855,
0.2710

 37.9879, 0.3780,
0.5380

 51.0801, 0.2767,
0.2531

 52.1639, 0.2747,
0.2461

 52.7605, 0.2778,
0.2468

Harmonies

Analogous

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



42.1300, 0.3862, 0.4015



42.1300, 0.3481, 0.4131



42.1300, 0.3022, 0.3980

Triad

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



42.1300, 0.3481, 0.4131



42.1300, 0.2281, 0.2766



42.1300, 0.3643, 0.2996

Complementary

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



42.1300, 0.3481, 0.4131



22.1246, 0.2686, 0.2371

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.



42.1300, 0.3180, 0.2715



42.1300, 0.3481, 0.4131



42.1300, 0.2416, 0.2573

Square

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



42.1300, 0.3481, 0.4131



42.1300, 0.2348, 0.3133



42.1300, 0.2734, 0.2562



42.1300, 0.3971, 0.3353

Rectangle

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



42.1300, 0.3481, 0.4131



42.1300, 0.2736, 0.3740



42.1300, 0.2734, 0.2562



42.1300, 0.3496, 0.2891

Sweetspot

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



42.1319, 0.3481, 0.4131



80.5621, 0.3237, 0.3539



28.3502, 0.3807, 0.3492



17.3513, 0.3252, 0.3574



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.



42.1319, 0.3481, 0.4131



75.3061, 0.3550, 0.4314



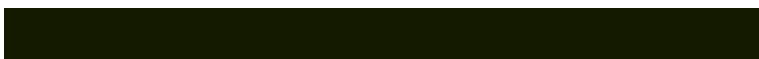
39.3202, 0.3215, 0.4207



9.8031, 0.3228, 0.3517



26.5450, 0.3785, 0.5376



0.8599, 0.3905, 0.5281

Inverse Universe

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



22.1246, 0.2686, 0.2371



33.6299, 0.2571, 0.2148



24.8949, 0.2993, 0.2447



8.3242, 0.3021, 0.3057



2.6800, 0.1643, 0.0679



0.1114, 0.1938, 0.0841

Previews

White Background



This preview shows how the Yxy color 42.1300, 0.3481, 0.4131 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 42.1300, 0.3481, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

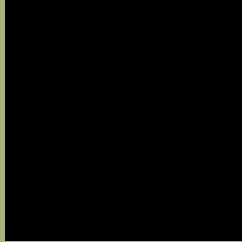
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1300, 0.3481, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 42.1300, 0.3481, 0.4131.



This preview shows how white text looks on a background with the Yxy color 42.1300, 0.3481, 0.4131.

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

42.1300, 0.3481, 0.4131

Protanopia

41.8865, 0.3745, 0.4027

Deuteranopia

41.8495, 0.3903, 0.3823



Tritanopia

42.1218, 0.3047, 0.3116

Trichromacy



Original Color

42.1300, 0.3481, 0.4131

Protanomaly

42.0859, 0.3645, 0.4072

Deuteranomaly

41.6322, 0.3740, 0.3930

Tritanomaly

42.0392, 0.3208, 0.3470

Monochromacy



Original Color

42.1300, 0.3481, 0.4131

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4790, 0.3258, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1300, 0.3481, 0.4131 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(166, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 121)  
}
```

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(166, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 121) }
```

Border

The CSS property to change the border of an element to Yxy 42.1300, 0.3481, 0.4131 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(166, 180, 121) }
```

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

```
.border{ border-color:rgb(166, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1300, 0.3481, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 121) }
```

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

```
.background{ background-color: rgb(166,  
180, 121) }
```

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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