

Converting Colors

$Yxy(42.0730, 0.3379, 0.3932)$

Have a look what the booklet for
Yxy(42.0730, 0.3379, 0.3932)
contains.

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Color

Yxy(42.0684, 0.3379, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	A6B386
RGB	166, 179, 134
RGB Percent	65%, 70%, 53%
CMY	0.3489, 0.2980, 0.4745
CMYK	0.07, 0.00, 0.25, 0.30
HSL	77°, 23%, 61%
HSV	77°, 25%, 70%
XYZ	36.1519, 42.0684, 28.7696
YIQ	169.9830, 6.6970, -16.7510

Conversions

Conversions Part 2

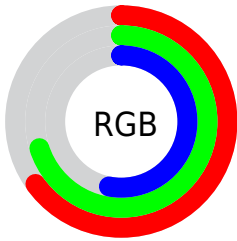
Format	Color
RYB	134, 179, 147
Decimal	10924934
CIELab	70.92, -12.38, 21.52
CIElCh	71, 24.825, 119.900
Yxy	42.0684, 0.3379, 0.3932
Android (android.graphics.Color)	4289115014 (0xFFA6B386)
YUV	169.9830, -17.7396, -3.4931
Hunter-Lab	64.8602, -14.0126, 19.1033

Details

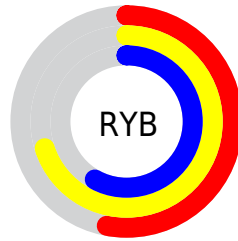
The Yxy color **42.0684, 0.3379, 0.3932** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5075, 0.2828, 0.2613**, and the grayscale version is **40.2793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3767, 0.3335, 0.3816**, and **19.1392, 0.3450, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **41.0652, 0.3474, 0.4203**, and if you desaturate by 10%, it is **43.1822, 0.3279, 0.3667**.

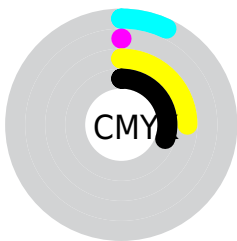
Distribution



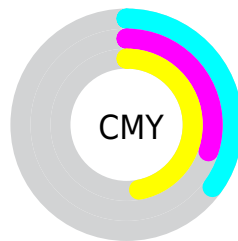
- Red (65%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)





- Cyan (35%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0684, 0.3379, 0.3932 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 42.0684, 0.3379, 0.3932 by changing the saturation by 10% instead.


 42.0684, 0.3379,
0.3932


 42.0684, 0.3379,
0.3932


354.7664, 0.3256,
0.3598

 29.1549, 0.3408,
0.4019


 78.3031, 0.3335,
0.3808

 19.1980, 0.3444,
0.4133


 102.3931, 0.3319,
0.3762

 11.8134, 0.3490,
0.4288


 130.9774, 0.3304,
0.3724

 6.6168, 0.3547,
0.4511


164.4403, 0.3292,
0.3691

 3.2236, 0.3617,
0.4851

203.1662, 0.3281,
0.3663

 1.2496, 0.4039,
0.5961

247.5396, 0.3272,

 0.1016, 0.0000,

0.3639

1.0000

297.9449, 0.3264,
0.3617

0.0000, 0.0000,
0.0000

42.0684, 0.3379,
0.3932

42.0684, 0.3379,
0.3932

41.0652, 0.3474,
0.4203

43.1822, 0.3279,
0.3667

40.1627, 0.3561,
0.4471

44.4054, 0.3178,
0.3414

39.3576, 0.3634,
0.4727

45.7437, 0.3080,
0.3177

38.6448, 0.3687,
0.4958

47.2008, 0.2985,
0.2958

38.0182, 0.3718,
0.5153

48.7804, 0.2895,
0.2758

■ 37.4709, 0.3725,
0.5304

■ 50.4858, 0.2811,
0.2577

■ 36.9945, 0.3707,
0.5408

■ 52.0400, 0.2761,
0.2453

■ 36.7795, 0.3693,
0.5450

■ 52.7733, 0.2798,
0.2461

■ 53.5309, 0.2836,
0.2470

Harmonies

Analogous

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



42.0684, 0.3681, 0.3871



42.0684, 0.3379, 0.3932



42.0684, 0.3021, 0.3794

Triad

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



42.0684, 0.3379, 0.3932



42.0684, 0.2464, 0.2869



42.0684, 0.3554, 0.3085

Complementary

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



42.0684, 0.3379, 0.3932



26.5075, 0.2828, 0.2613

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.



42.0684, 0.3204, 0.2852



42.0684, 0.3379, 0.3932



42.0684, 0.2586, 0.2721

Square

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



42.0684, 0.3379, 0.3932



42.0684, 0.2505, 0.3147



42.0684, 0.2850, 0.2720



42.0684, 0.3791, 0.3373

Rectangle

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



42.0684, 0.3379, 0.3932



42.0684, 0.2800, 0.3606



42.0684, 0.2850, 0.2720



42.0684, 0.3445, 0.2998

Sweetspot

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



42.0703, 0.3379, 0.3932



78.8514, 0.3208, 0.3488



32.0955, 0.3603, 0.3474



17.3961, 0.3223, 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.



42.0703, 0.3379, 0.3932



74.3574, 0.3431, 0.4077



39.8684, 0.3178, 0.3974



9.7811, 0.3220, 0.3518



26.0247, 0.3699, 0.5445



0.8468, 0.3843, 0.5330

Inverse Universe

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



26.5075, 0.2828, 0.2613



41.8317, 0.2751, 0.2449



28.7686, 0.3054, 0.2656



8.3450, 0.3028, 0.3058



2.8385, 0.1700, 0.0710



0.1198, 0.2023, 0.0888

Previews

White Background



This preview shows how the Yxy color 42.0684, 0.3379, 0.3932 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 42.0684, 0.3379, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

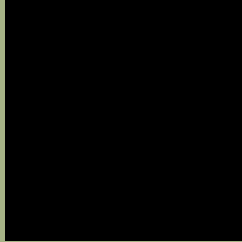
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

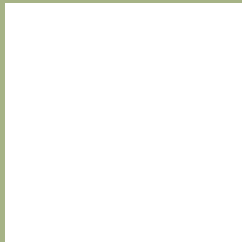
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0684, 0.3379, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 42.0684, 0.3379, 0.3932.



This preview shows how white text looks on a background with the Yxy color 42.0684, 0.3379, 0.3932.

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

42.0684, 0.3379, 0.3932

Protanopia

41.8401, 0.3603, 0.3861

Deuteranopia

41.6351, 0.3742, 0.3665



Tritanopia

41.9345, 0.3022, 0.3102

Trichromacy



Original Color

42.0684, 0.3379, 0.3932

Protanomaly

41.7909, 0.3520, 0.3886

Deuteranomaly

41.7222, 0.3605, 0.3760

Tritanomaly

41.9960, 0.3149, 0.3401

Monochromacy



Original Color

42.0684, 0.3379, 0.3932

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7565, 0.3225, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0684, 0.3379, 0.3932 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, 179, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 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(166, 179, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 134) }
```

Border

The CSS property to change the border of an element to Yxy 42.0684, 0.3379, 0.3932 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, 179, 134) }
```

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

```
.border{ border-color:rgb(166, 179, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 179, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 134);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0684, 0.3379, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 134) }
```

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

```
.background{ background-color: rgb(166,  
179, 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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