

Converting Colors

$Yxy(44.0172, 0.3432, 0.4001)$

Have a look what the booklet for
Yxy(44.0172, 0.3432, 0.4001)
contains.

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Color

Yxy(44.1908, 0.3431, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	ABB784
RGB	171, 183, 132
RGB Percent	67%, 72%, 52%
CMY	0.3294, 0.2824, 0.4823
CMYK	0.07, 0.00, 0.28, 0.28
HSL	74°, 26%, 62%
HSV	74°, 28%, 72%
XYZ	37.8952, 44.1908, 28.3634
YIQ	173.5980, 9.2190, -18.4050

Conversions

Conversions Part 2

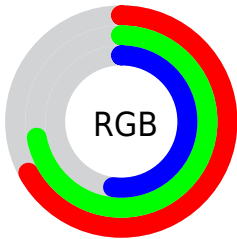
Format	Color
R_{YB}	132, 183, 144
Decimal	11253636
CIE _{Lab}	72.36, -12.84, 24.61
CIE _{LCh}	72, 27.756, 117.557
Yxy	44.1908, 0.3431, 0.4001
Android (android.graphics.Color)	4289443716 (0xFFABB784)
YUV	173.5980, -20.5078, -2.2784
Hunter-Lab	66.4762, -14.5782, 21.2360

Details

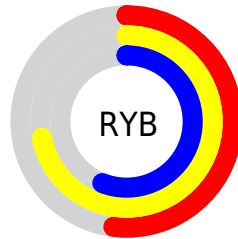
The Yxy color **44.1908, 0.3431, 0.4001** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.8515, 0.2762, 0.2523**, and the grayscale version is **42.2161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5667, 0.3383, 0.3870**, and **20.4260, 0.3505, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **43.2596, 0.3534, 0.4267**, and if you desaturate by 10%, it is **45.2296, 0.3322, 0.3737**.

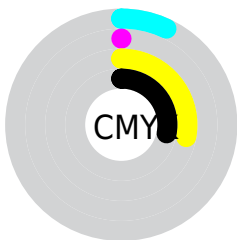
Distribution



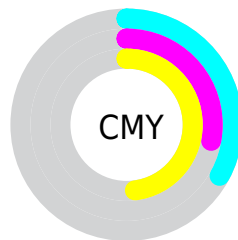
- Red (67%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)





- Cyan (33%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1908, 0.3431, 0.4001 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 44.1908, 0.3431, 0.4001 by changing the saturation by 10% instead.


 44.1908, 0.3431,
0.4001


 44.1908, 0.3431,
0.4001


363.4863, 0.3284,
0.3634


 30.8205, 0.3465,
0.4095


 81.5048, 0.3379,
0.3866

 20.4622, 0.3507,
0.4218


 106.2173, 0.3359,
0.3815

 12.7315, 0.3560,
0.4383


 135.4793, 0.3342,
0.3773

 7.2439, 0.3625,
0.4615

169.6753, 0.3328,
0.3737

 3.6151, 0.3700,
0.4962

209.1896, 0.3315,
0.3706

 1.4607, 0.4052,
0.5948

254.4066, 0.3303,

 0.2608, 0.0000,

0.3679

1.0000

305.7107, 0.3293,
0.3655

0.0000, 0.0000,
0.0000

44.1908, 0.3431,
0.4001

44.1908, 0.3431,
0.4001

43.2596, 0.3534,
0.4267

45.2296, 0.3322,
0.3737

42.4252, 0.3627,
0.4526

46.3744, 0.3212,
0.3481

41.6846, 0.3704,
0.4766

47.6313, 0.3104,
0.3240

41.0320, 0.3761,
0.4977

49.0043, 0.3000,
0.3015

40.4610, 0.3795,
0.5150

50.4970, 0.2902,
0.2808

■ 39.9642, 0.3802,
0.5278

■ 52.1129, 0.2810,
0.2619

■ 39.5299, 0.3788,
0.5362

■ 53.5222, 0.2756,
0.2496

■ 39.4412, 0.3783,
0.5378

■ 54.1272, 0.2787,
0.2503

■ 54.7491, 0.2818,
0.2509

Harmonies

Analogous

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



44.1908, 0.3754, 0.3914



44.1908, 0.3431, 0.4001



44.1908, 0.3039, 0.3868

Triad

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



44.1908, 0.3431, 0.4001



44.1908, 0.2399, 0.2844



44.1908, 0.3569, 0.3041

Complementary

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



44.1908, 0.3431, 0.4001



25.8515, 0.2762, 0.2523

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.



44.1908, 0.3178, 0.2796



44.1908, 0.3431, 0.4001



44.1908, 0.2518, 0.2674

Square

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



44.1908, 0.3431, 0.4001



44.1908, 0.2457, 0.3159



44.1908, 0.2795, 0.2662



44.1908, 0.3845, 0.3352

Rectangle

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



44.1908, 0.3431, 0.4001



44.1908, 0.2793, 0.3667



44.1908, 0.2795, 0.2662



44.1908, 0.3446, 0.2950

Sweetspot

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



44.1928, 0.3431, 0.4001



82.9981, 0.3215, 0.3488



31.6509, 0.3679, 0.3460



18.2609, 0.3232, 0.3526



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.1928, 0.3431, 0.4001



78.1766, 0.3491, 0.4152



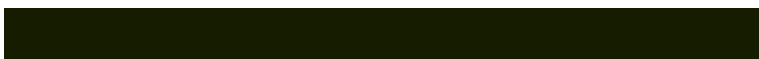
41.6081, 0.3204, 0.4055



10.3941, 0.3229, 0.3518



27.5471, 0.3788, 0.5374



0.9973, 0.3898, 0.5287

Inverse Universe

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



25.8515, 0.2762, 0.2523



40.2626, 0.2672, 0.2344



28.4024, 0.3018, 0.2578



8.8187, 0.3020, 0.3056



2.7704, 0.1640, 0.0677



0.1266, 0.1913, 0.0828

Previews

White Background



This preview shows how the Yxy color 44.1908, 0.3431, 0.4001 looks on a white background.

Color Contrast Check

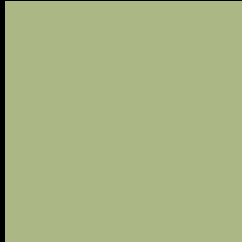
Large Text (above 18pt) WCAG AA × Fail

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 44.1908, 0.3431, 0.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

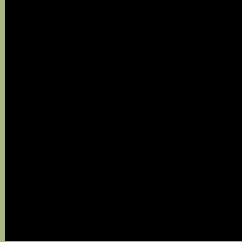
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

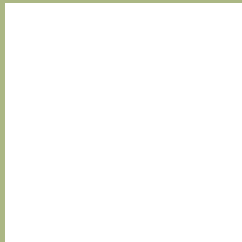
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1908, 0.3431, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 44.1908, 0.3431, 0.4001.



This preview shows how white text looks on a background with the Yxy color 44.1908, 0.3431, 0.4001.

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

44.1908, 0.3431, 0.4001

Protanopia

43.9764, 0.3654, 0.3927

Deuteranopia

43.9086, 0.3803, 0.3730



Tritanopia

44.3085, 0.3049, 0.3120

Trichromacy



Original Color

44.1908, 0.3431, 0.4001

Protanomaly

43.9192, 0.3571, 0.3953

Deuteranomaly

43.9833, 0.3666, 0.3826

Tritanomaly

44.2975, 0.3190, 0.3439

Monochromacy



Original Color

44.1908, 0.3431, 0.4001

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8317, 0.3240, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1908, 0.3431, 0.4001 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(171, 183, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 132)  
}
```

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(171, 183, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 132) }
```

Border

The CSS property to change the border of an element to Yxy 44.1908, 0.3431, 0.4001 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(171, 183, 132) }
```

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

```
.border{ border-color:rgb(171, 183, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1908, 0.3431, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 132) }
```

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

```
.background{ background-color: rgb(171,  
183, 132) }
```

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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