

Converting Colors

$Yxy(43.8959, 0.3026, 0.4011)$

Have a look what the booklet for
Yxy(43.8959, 0.3026, 0.4011)
contains.

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Color

Yxy(43.8482, 0.3031, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	86BE8E
RGB	134, 190, 142
RGB Percent	53%, 75%, 56%
CMY	0.4746, 0.2549, 0.4430
CMYK	0.29, 0.00, 0.25, 0.25
HSL	129°, 30%, 64%
HSV	129°, 29%, 75%
XYZ	33.1266, 43.8482, 32.3178
YIQ	167.7840, -17.9680, -26.8000

Conversions

Conversions Part 2

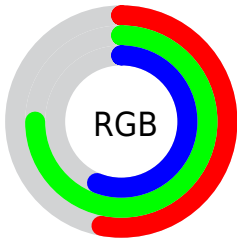
Format	Color
RYB	134, 183, 190
Decimal	8830606
CIELab	72.13, -27.99, 18.53
CIELCh	72, 33.567, 146.488
Yxy	43.8482, 0.3031, 0.4012
Android (android.graphics.Color)	4287020686 (0xFF86BE8E)
YUV	167.7840, -12.7115, -29.6286
Hunter-Lab	66.2180, -26.5840, 17.4160

Details

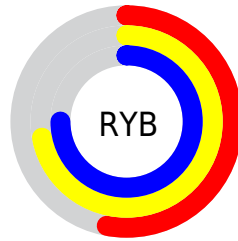
The Yxy color **43.8482, 0.3031, 0.4012** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.3691, 0.3241, 0.2662**, and the grayscale version is **39.1164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1984, 0.3050, 0.3872**, and **20.1749, 0.2983, 0.4233** is the 20% darker color. If you saturate the color by 10%, you get **41.9730, 0.3001, 0.4308**, and if you desaturate by 10%, it is **46.0790, 0.3063, 0.3740**.

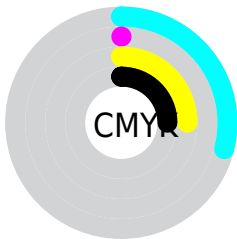
Distribution



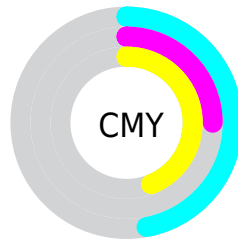
- Red (53%)
- Green (75%)
- Blue (56%)



- Red (53%)
- Yellow (72%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (47%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8482, 0.3031, 0.4012 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 43.8482, 0.3031, 0.4012 by changing the saturation by 10% instead.

 43.8482, 0.3031,
0.4012

 43.8482, 0.3031,
0.4012


362.0885, 0.3088,
0.3632


 30.5512, 0.3014,
0.4113


 80.9893, 0.3054,
0.3869

 20.2573, 0.2989,
0.4248


 105.6021, 0.3062,
0.3817

 12.5822, 0.2953,
0.4433

 134.7557, 0.3068,
0.3773

 7.1415, 0.2895,
0.4705

168.8344, 0.3073,
0.3736

 3.5508, 0.2790,
0.5139

208.2227, 0.3078,
0.3704

 1.4256, 0.2714,
0.6526

253.3048, 0.3082,

 0.2355, 0.0000,

0.3677

1.0000

304.4653, 0.3085,
0.3653

0.0000, 0.0000,
0.0000

43.8482, 0.3031,
0.4012

43.8482, 0.3031,
0.4012

41.9730, 0.3001,
0.4308

46.0790, 0.3063,
0.3740

40.4297, 0.2974,
0.4621

48.6765, 0.3096,
0.3495

39.2004, 0.2955,
0.4938

51.6584, 0.3129,
0.3280

38.2632, 0.2944,
0.5240

55.0395, 0.3160,
0.3091

37.5936, 0.2943,
0.5509

58.8338, 0.3189,
0.2927

■ 37.1627, 0.2952,
0.5725

■ 63.0545, 0.3216,
0.2786

■ 36.9201, 0.2967,
0.5878

■ 65.3094, 0.3157,
0.2653

■ 36.9098, 0.2968,
0.5885

Harmonies

Analogous

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



43.8482, 0.3503, 0.4159



43.8482, 0.3031, 0.4012



43.8482, 0.2605, 0.3616

Triad

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



43.8482, 0.3031, 0.4012



43.8482, 0.2389, 0.2554



43.8482, 0.3992, 0.3342

Complementary

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



43.8482, 0.3031, 0.4012



31.3691, 0.3241, 0.2662

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.



43.8482, 0.3647, 0.2978



43.8482, 0.3031, 0.4012



43.8482, 0.2710, 0.2539

Square

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



43.8482, 0.3031, 0.4012



43.8482, 0.2256, 0.2758



43.8482, 0.3167, 0.2692



43.8482, 0.4080, 0.3721

Rectangle

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



43.8482, 0.3031, 0.4012



43.8482, 0.2401, 0.3294



43.8482, 0.3167, 0.2692



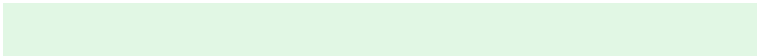
43.8482, 0.3901, 0.3216

Sweetspot

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



43.8500, 0.3031, 0.4012



88.3748, 0.3098, 0.3488



48.5606, 0.3500, 0.4033



19.2437, 0.3093, 0.3522



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8500, 0.3031, 0.4012



77.3149, 0.3012, 0.4190



44.7783, 0.2841, 0.3589



10.6714, 0.3097, 0.3492



24.5485, 0.2964, 0.5870



0.9688, 0.2863, 0.5508

Inverse Universe

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



31.3691, 0.3241, 0.2662



51.2435, 0.3270, 0.2532



30.3438, 0.3537, 0.3012



9.6721, 0.3159, 0.3096



9.0399, 0.3603, 0.1759



0.3606, 0.3495, 0.1699

Previews

White Background



This preview shows how the Yxy color 43.8482, 0.3031, 0.4012 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 43.8482, 0.3031, 0.4012 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 43.8482, 0.3031, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 43.8482, 0.3031, 0.4012.

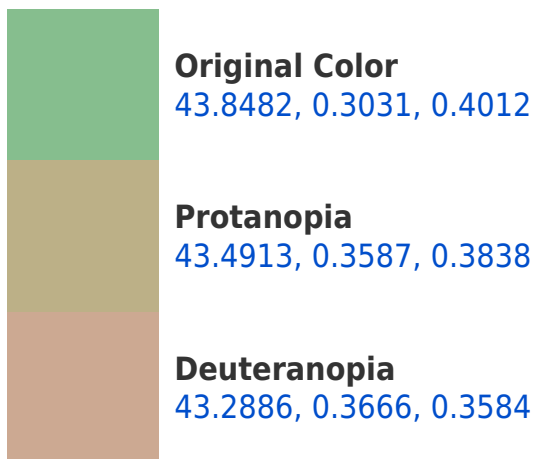


This preview shows how white text looks on a background with the Yxy color 43.8482, 0.3031, 0.4012.

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





Tritanopia

43.8275, 0.2720, 0.3095

Trichromacy



Original Color

43.8482, 0.3031, 0.4012

Protanomaly

43.2076, 0.3360, 0.3896

Deuteranomaly

43.0723, 0.3413, 0.3729

Tritanomaly

43.8676, 0.2830, 0.3418

Monochromacy



Original Color

43.8482, 0.3031, 0.4012

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6218, 0.3089, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8482, 0.3031, 0.4012 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(134, 190, 142)` looks like.

```
.text, #text, p{  
    color:rgb(134, 190, 142)  
}
```

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(134, 190, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 190, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.8482, 0.3031, 0.4012 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(134, 190, 142) }
```

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

```
.border{ border-color:rgb(134, 190, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 190, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 190, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 190, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 190,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8482, 0.3031, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 190, 142) }
```

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

```
.background{ background-color: rgb(134,  
190, 142) }
```

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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