

Converting Colors

Yxy(43.0962, 0.3199, 0.4134)

Have a look what the booklet for
Yxy(43.0962, 0.3199, 0.4134)
contains.

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Color

Yxy(43.0816, 0.3200, 0.4140)

Conversions

Conversions Part 1

Format	Color
Hex	90BB82
RGB	144, 187, 130
RGB Percent	56%, 73%, 51%
CMY	0.4353, 0.2666, 0.4902
CMYK	0.23, 0.00, 0.30, 0.27
HSL	105°, 30%, 62%
HSV	105°, 30%, 73%
XYZ	33.2998, 43.0816, 27.6804
YIQ	167.6450, -7.3310, -26.8430

Conversions

Conversions Part 2

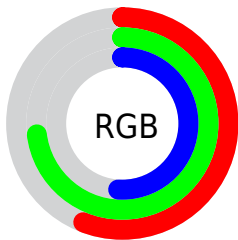
Format	Color
RYB	130, 187, 173
Decimal	9485186
CIELab	71.61, -25.15, 24.35
CIELCh	72, 35.008, 135.918
Yxy	43.0816, 0.3200, 0.4140
Android (android.graphics.Color)	4287675266 (0xFF90BB82)
YUV	167.6450, -18.5590, -20.7367
Hunter-Lab	65.6366, -24.3046, 20.9417

Details

The Yxy color **43.0816, 0.3200, 0.4140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.4412, 0.3017, 0.2509**, and the grayscale version is **39.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6622, 0.3198, 0.3971**, and **19.9047, 0.3200, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **41.4338, 0.3215, 0.4463**, and if you desaturate by 10%, it is **44.9833, 0.3179, 0.3835**.

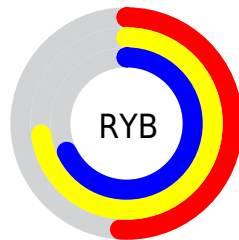
Distribution



Red (56%)

Green (73%)

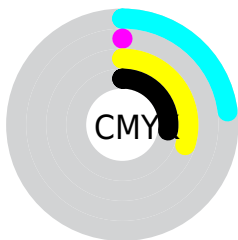
Blue (51%)



Red (51%)

Yellow (73%)

Blue (68%)

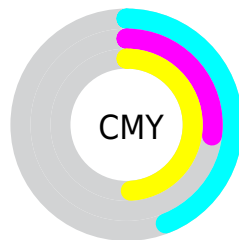


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (44%)


Magenta (27%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0816, 0.3200, 0.4140 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 43.0816, 0.3200, 0.4140 by changing the saturation by 10% instead.

 43.0816, 0.3200,
0.4140


 43.0816, 0.3200,
0.4140


358.9472, 0.3174,
0.3691


 29.9491, 0.3202,
0.4259


 79.8340, 0.3193,
0.3971

 19.8000, 0.3202,
0.4417


 104.2227, 0.3190,
0.3910

 12.2497, 0.3197,
0.4634

 133.1323, 0.3187,
0.3858

 6.9140, 0.3177,
0.4948

166.9472, 0.3184,
0.3815

 3.4084, 0.3119,
0.5441

206.0517, 0.3181,
0.3777

 1.3485, 0.3107,
0.6893

250.8303, 0.3179,

 0.1783, 0.0000,

0.3745

1.0000

301.6673, 0.3176,
0.3716

0.0000, 0.0000,
0.0000

43.0816, 0.3200,
0.4140

43.0816, 0.3200,
0.4140

41.4338, 0.3215,
0.4463

44.9833, 0.3179,
0.3835

40.0235, 0.3222,
0.4793

47.1433, 0.3155,
0.3554

38.8409, 0.3218,
0.5114


49.5731, 0.3128,
0.3301

37.8733, 0.3203,
0.5404


52.2818, 0.3101,
0.3077

37.1069, 0.3175,
0.5643


55.2778, 0.3075,
0.2878

 36.5257, 0.3137,
0.5816

 58.5696, 0.3049,
0.2704

 36.1214, 0.3098,
0.5922

 61.7785, 0.3065,
0.2605

 64.0233, 0.3158,
0.2624

Harmonies

Analogous

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



43.0816, 0.3680, 0.4183



43.0816, 0.3200, 0.4140



43.0816, 0.2723, 0.3800

Triad

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



43.0816, 0.3200, 0.4140



43.0816, 0.2283, 0.2572



43.0816, 0.3933, 0.3203

Complementary

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



43.0816, 0.3200, 0.4140



28.4412, 0.3017, 0.2509

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.



43.0816, 0.3502, 0.2846



43.0816, 0.3200, 0.4140



43.0816, 0.2552, 0.2490

Square

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



43.0816, 0.3200, 0.4140



43.0816, 0.2219, 0.2852



43.0816, 0.2989, 0.2592



43.0816, 0.4128, 0.3601

Rectangle

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



43.0816, 0.3200, 0.4140



43.0816, 0.2469, 0.3472



43.0816, 0.2989, 0.2592



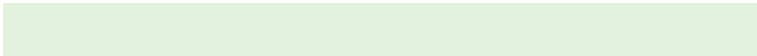
43.0816, 0.3809, 0.3076

Sweetspot

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



43.0834, 0.3200, 0.4140



84.9801, 0.3151, 0.3519



41.9710, 0.3632, 0.3867



18.5807, 0.3155, 0.3558



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.0834, 0.3200, 0.4140



75.0091, 0.3211, 0.4369



42.3109, 0.2985, 0.3943



10.7596, 0.3152, 0.3524



24.9151, 0.3105, 0.5917



1.0077, 0.3286, 0.5773

Inverse Universe

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



28.4412, 0.3017, 0.2509



44.3395, 0.2982, 0.2320



29.5397, 0.3310, 0.2716



9.5752, 0.3099, 0.3061



6.4161, 0.2602, 0.1207



0.2801, 0.2755, 0.1291

Previews

White Background



This preview shows how the Yxy color 43.0816, 0.3200, 0.4140 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 43.0816, 0.3200, 0.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

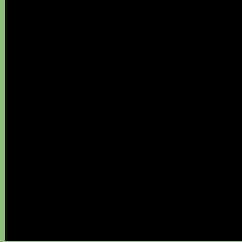
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0816, 0.3200, 0.4140

Background



This preview shows how black text looks on a background with the Yxy color 43.0816, 0.3200, 0.4140.



This preview shows how white text looks on a background with the Yxy color 43.0816, 0.3200, 0.4140.

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

43.0816, 0.3200, 0.4140

Protanopia

42.8320, 0.3676, 0.3959

Deuteranopia

42.7056, 0.3791, 0.3723



Tritanopia

42.9605, 0.2817, 0.3097

Trichromacy



Original Color

43.0816, 0.3200, 0.4140

Protanomaly

42.5432, 0.3492, 0.4019

Deuteranomaly

42.4207, 0.3559, 0.3862

Tritanomaly

42.8422, 0.2954, 0.3461

Monochromacy



Original Color

43.0816, 0.3200, 0.4140

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.3640, 0.3157, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0816, 0.3200, 0.4140 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(144, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(144, 187, 130)  
}
```

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(144, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 187, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.0816, 0.3200, 0.4140 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(144, 187, 130) }
```

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

```
.border{ border-color:rgb(144, 187, 130) }
```

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

Here you see how a box with a 4 pixel rgb(144, 187, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 187, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 187, 130);  
box-shadow:4px 4px 4px 4px rgb(144, 187,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0816, 0.3200, 0.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 187, 130) }
```

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

```
.background{ background-color: rgb(144,  
187, 130) }
```

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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