

Converting Colors

Yxy(44.9516, 0.3188, 0.4020)

Have a look what the booklet for
Yxy(44.9516, 0.3188, 0.4020)
contains.

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Color

Yxy(44.8386, 0.3190, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	97BD8B
RGB	151, 189, 139
RGB Percent	59%, 74%, 55%
CMY	0.4079, 0.2588, 0.4550
CMYK	0.20, 0.00, 0.26, 0.26
HSL	106°, 27%, 64%
HSV	106°, 26%, 74%
XYZ	35.6163, 44.8386, 31.1950
YIQ	171.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

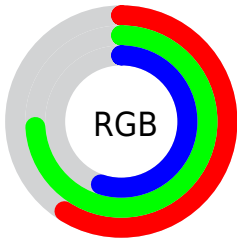
Format	Color
RYB	139, 189, 177
Decimal	9944459
CIELab	72.79, -22.22, 21.23
CIELCh	73, 30.734, 136.307
Yxy	44.8386, 0.3190, 0.4016
Android (android.graphics.Color)	4288134539 (0xFF97BD8B)
YUV	171.9380, -16.2384, -18.3626
Hunter-Lab	66.9616, -22.2402, 19.2521

Details

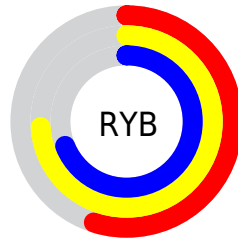
The Yxy color **44.8386, 0.3190, 0.4016** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4818, 0.3037, 0.2616**, and the grayscale version is **41.3065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2769, 0.3183, 0.3867**, and **20.9822, 0.3188, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **43.0433, 0.3207, 0.4334**, and if you desaturate by 10%, it is **46.9007, 0.3168, 0.3720**.

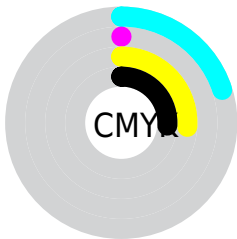
Distribution



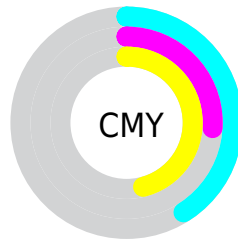
- Red (59%)
- Green (74%)
- Blue (55%)



- Red (55%)
- Yellow (74%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)





- Cyan (41%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8386, 0.3190, 0.4016 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 44.8386, 0.3190, 0.4016 by changing the saturation by 10% instead.


 44.8386, 0.3190,
0.4016

 44.8386, 0.3190,
0.4016


366.1195, 0.3166,
0.3637

 31.3303, 0.3193,
0.4116


 82.4782, 0.3183,
0.3874

 20.8505, 0.3195,
0.4247


 107.3782, 0.3180,
0.3822

 13.0148, 0.3194,
0.4426


 136.8443, 0.3177,
0.3779

 7.4387, 0.3185,
0.4684

171.2609, 0.3175,
0.3742

 3.7380, 0.3152,
0.5087

211.0123, 0.3172,
0.3710

 1.5281, 0.3362,
0.6400

256.4829, 0.3170,

 0.3084, 0.0000,

0.3683

1.0000

308.0572, 0.3168,
0.3658

0.0000, 0.0000,
0.0000

44.8386, 0.3190,
0.4016

44.8386, 0.3190,
0.4016

43.0433, 0.3207,
0.4334

46.9007, 0.3168,
0.3720

41.4983, 0.3216,
0.4664

49.2342, 0.3144,
0.3450

40.1936, 0.3217,
0.4991


51.8507, 0.3118,
0.3208

39.1167, 0.3206,
0.5297


54.7594, 0.3092,
0.2994


38.2536, 0.3183,
0.5559


57.9690, 0.3066,
0.2806

 37.5886, 0.3148,
0.5760

 61.4881, 0.3041,
0.2641

 37.1028, 0.3107,
0.5890

 64.2308, 0.3131,
0.2638

 36.9652, 0.3093,
0.5926

 64.8795, 0.3157,
0.2644

Harmonies

Analogous

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



44.8386, 0.3607, 0.4064



44.8386, 0.3190, 0.4016



44.8386, 0.2774, 0.3723

Triad

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



44.8386, 0.3190, 0.4016



44.8386, 0.2389, 0.2663



44.8386, 0.3828, 0.3223

Complementary

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



44.8386, 0.3190, 0.4016



31.4818, 0.3037, 0.2616

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.



44.8386, 0.3459, 0.2905



44.8386, 0.3190, 0.4016



44.8386, 0.2630, 0.2588

Square

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



44.8386, 0.3190, 0.4016



44.8386, 0.2331, 0.2910



44.8386, 0.3016, 0.2678



44.8386, 0.3995, 0.3574

Rectangle

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



44.8386, 0.3190, 0.4016



44.8386, 0.2551, 0.3445



44.8386, 0.3016, 0.2678



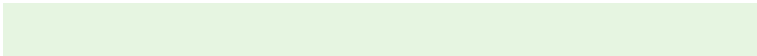
44.8386, 0.3722, 0.3110

Sweetspot

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



44.8405, 0.3190, 0.4016



87.4407, 0.3148, 0.3492



43.9316, 0.3560, 0.3790



18.6639, 0.3152, 0.3532



95.5105, 0.3127, 0.3290



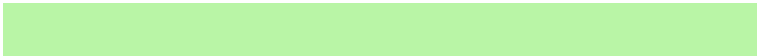
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8405, 0.3190, 0.4016



78.3003, 0.3201, 0.4206



44.1369, 0.3003, 0.3845



10.7572, 0.3151, 0.3525



24.8985, 0.3101, 0.5920



1.0066, 0.3280, 0.5777

Inverse Universe

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



31.4818, 0.3037, 0.2616



50.1918, 0.3011, 0.2456



32.4338, 0.3281, 0.2793



9.5778, 0.3100, 0.3061



6.4775, 0.2615, 0.1214



0.2821, 0.2765, 0.1297

Previews

White Background



This preview shows how the Yxy color 44.8386, 0.3190, 0.4016 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 44.8386, 0.3190, 0.4016 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 44.8386, 0.3190, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 44.8386, 0.3190, 0.4016.

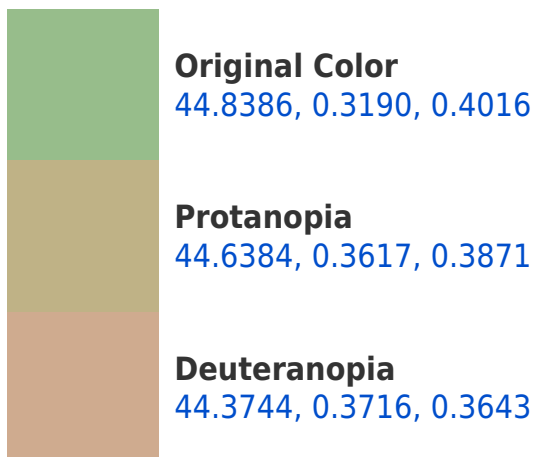


This preview shows how white text looks on a background with the Yxy color 44.8386, 0.3190, 0.4016.

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

44.9150, 0.2844, 0.3101

Trichromacy



Original Color

44.8386, 0.3190, 0.4016

Protanomaly

44.4636, 0.3447, 0.3922

Deuteranomaly

44.3586, 0.3511, 0.3771

Tritanomaly

44.9612, 0.2973, 0.3429

Monochromacy



Original Color

44.8386, 0.3190, 0.4016

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.2714, 0.3150, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8386, 0.3190, 0.4016 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(151, 189, 139)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 139)  
}
```

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(151, 189, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.8386, 0.3190, 0.4016 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(151, 189, 139) }
```

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

```
.border{ border-color:rgb(151, 189, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 189, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 139);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8386, 0.3190, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 139) }
```

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

```
.background{ background-color: rgb(151,  
189, 139) }
```

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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