

Converting Colors

$Yxy(47.4203, 0.3085, 0.3492)$

Have a look what the booklet for
Yxy(47.4203, 0.3085, 0.3492)
contains.

Yxy(47.4186, 0.3085, 0.3492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.4186, 0.3085, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	A9BCAD
RGB	169, 188, 173
RGB Percent	66%, 74%, 68%
CMY	0.3372, 0.2628, 0.3215
CMYK	0.10, 0.00, 0.08, 0.26
HSL	133°, 12%, 70%
HSV	133°, 10%, 74%
XYZ	41.8919, 47.4186, 46.4816
YIQ	180.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

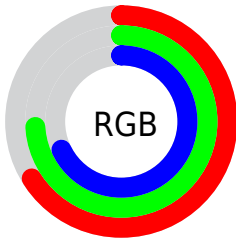
Format	Color
RYB	169, 185, 188
Decimal	11123885
CIELab	74.46, -9.39, 5.37
CIELCh	74, 10.815, 150.245
Yxy	47.4186, 0.3085, 0.3492
Android (android.graphics.Color)	4289313965 (0xFFA9BCAD)
YUV	180.6090, -3.7512, -10.1811
Hunter-Lab	68.8612, -11.9161, 8.1818

Details

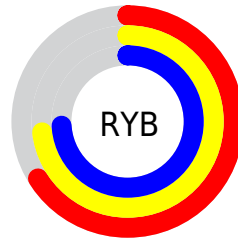
The Yxy color $47.4186, 0.3085, 0.3492$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.5368, 0.3172, 0.3096$, and the grayscale version is $46.0125, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1501, 0.3094, 0.3457$, and $22.4903, 0.3071, 0.3550$ is the 20% darker color. If you saturate the color by 10%, you get $44.9448, 0.3043, 0.3718$, and if you desaturate by 10%, it is $50.2594, 0.3127, 0.3292$.

Distribution



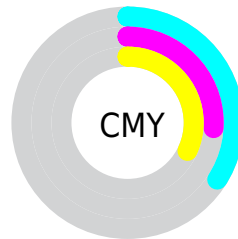
- Red (66%)
- Green (74%)
- Blue (68%)



- Red (66%)
- Yellow (73%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)





- Cyan (34%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4186, 0.3085, 0.3492 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 47.4186, 0.3085, 0.3492 by changing the saturation by 10% instead.


 47.4186, 0.3085,
0.3492

 47.4186, 0.3085,
0.3492


376.4829, 0.3107,
0.3390

 33.3667, 0.3079,
0.3518


 86.3381, 0.3093,
0.3455

 22.4075, 0.3072,
0.3551


 111.9745, 0.3096,
0.3441

 14.1566, 0.3062,
0.3596


142.2412, 0.3099,
0.3429

 8.2297, 0.3048,
0.3660

177.5226, 0.3101,
0.3419

 4.2423, 0.3025,
0.3757

218.2031, 0.3103,
0.3410

 1.8100, 0.2985,
0.3924

264.6670, 0.3104,

 0.4934, 0.2678,

0.3403

0.5512

317.2989, 0.3106,
0.3396

0.0000, 0.0000,
0.0000

47.4186, 0.3085,
0.3492

47.4186, 0.3085,
0.3492

44.9448, 0.3043,
0.3718

50.2594, 0.3127,
0.3292

42.8171, 0.3003,
0.3969

53.4750, 0.3167,
0.3116

41.0217, 0.2966,
0.4243

57.0806, 0.3206,
0.2963

39.5417, 0.2935,
0.4534

61.0888, 0.3243,
0.2830

38.3583, 0.2912,
0.4831

63.9583, 0.3215,
0.2704

■ 37.4512, 0.2901,
0.5120

■ 64.4458, 0.3158,
0.2634

■ 36.7970, 0.2903,
0.5386

■ 36.3684, 0.2918,
0.5611

■ 36.1153, 0.2940,
0.5785

Harmonies

Analogous

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



47.4186, 0.3236, 0.3551



47.4186, 0.3085, 0.3492



47.4186, 0.2948, 0.3375

Triad

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



47.4186, 0.3085, 0.3492



47.4186, 0.2897, 0.3047



47.4186, 0.3402, 0.3334

Complementary

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



47.4186, 0.3085, 0.3492



42.5368, 0.3172, 0.3096

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.



47.4186, 0.3307, 0.3206



47.4186, 0.3085, 0.3492



47.4186, 0.3014, 0.3042

Square

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



47.4186, 0.3085, 0.3492



47.4186, 0.2841, 0.3116



47.4186, 0.3164, 0.3100



47.4186, 0.3422, 0.3455

Rectangle

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



47.4186, 0.3085, 0.3492



47.4186, 0.2882, 0.3282



47.4186, 0.3164, 0.3100



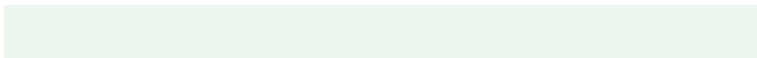
47.4186, 0.3378, 0.3291

Sweetspot

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



47.4206, 0.3085, 0.3492



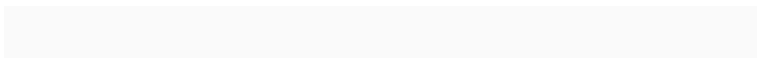
89.4988, 0.3115, 0.3348



49.0467, 0.3243, 0.3537



19.1551, 0.3111, 0.3364



95.5105, 0.3127, 0.3290



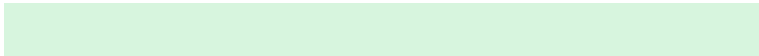
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4206, 0.3085, 0.3492



84.9471, 0.3076, 0.3537



47.7934, 0.3016, 0.3366



10.6815, 0.3088, 0.3476



24.5987, 0.2935, 0.5766



0.9733, 0.2808, 0.5309

Inverse Universe

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



42.5368, 0.3172, 0.3096



74.4041, 0.3183, 0.3055



42.1594, 0.3253, 0.3216



9.6610, 0.3169, 0.3111



8.7579, 0.3815, 0.1875



0.3518, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 47.4186, 0.3085, 0.3492 looks on a white background.

Color Contrast Check

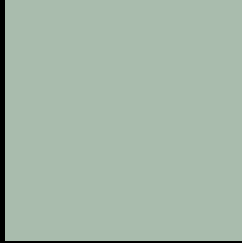
Large Text (above 18pt) WCAG AA × Fail

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 47.4186, 0.3085, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

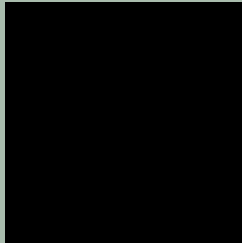
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

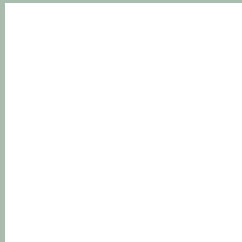
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4186, 0.3085, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 47.4186, 0.3085, 0.3492.



This preview shows how white text looks on a background with the Yxy color 47.4186, 0.3085, 0.3492.

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

47.4186, 0.3085, 0.3492

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

47.2359, 0.3375, 0.3316



Tritanopia

47.2887, 0.2925, 0.3095

Trichromacy



Original Color

47.4186, 0.3085, 0.3492

Protanomaly

47.1663, 0.3213, 0.3461

Deuteranomaly

47.1801, 0.3271, 0.3380

Tritanomaly

47.1863, 0.2983, 0.3224

Monochromacy



Original Color

47.4186, 0.3085, 0.3492

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8424, 0.3115, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4186, 0.3085, 0.3492 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(169, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 173)  
}
```

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(169, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.4186, 0.3085, 0.3492 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(169, 188, 173) }
```

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

```
.border{ border-color:rgb(169, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4186, 0.3085, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 173) }
```

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

```
.background{ background-color: rgb(169,  
188, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor