

Converting Colors

$Yxy(48.2781, 0.3286, 0.3847)$

Have a look what the booklet for
Yxy(48.2781, 0.3286, 0.3847)
contains.

Yxy(48.2343, 0.3282, 0.3847)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2343, 0.3282, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	ACBF96
RGB	172, 191, 150
RGB Percent	67%, 75%, 59%
CMY	0.3255, 0.2510, 0.4117
CMYK	0.10, 0.00, 0.21, 0.25
HSL	88°, 24%, 67%
HSV	88°, 21%, 75%
XYZ	41.1502, 48.2343, 35.9971
YIQ	180.6450, 1.8370, -16.7790

Conversions

Conversions Part 2

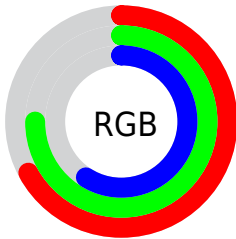
Format	Color
RYB	150, 191, 169
Decimal	11321238
CIELab	74.97, -13.87, 18.56
CIELCh	75, 23.168, 126.777
Yxy	48.2343, 0.3282, 0.3847
Android (android.graphics.Color)	4289511318 (0xFFACBF96)
YUV	180.6450, -15.1080, -7.5817
Hunter-Lab	69.4509, -15.7764, 17.8851

Details

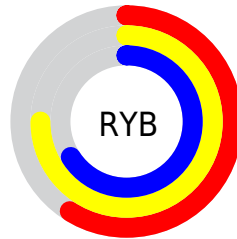
The Yxy color **48.2343, 0.3282, 0.3847** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0114, 0.2943, 0.2729**, and the grayscale version is **46.0907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3751, 0.3261, 0.3742**, and **22.9997, 0.3313, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **46.7020, 0.3350, 0.4132**, and if you desaturate by 10%, it is **49.9378, 0.3210, 0.3576**.

Distribution



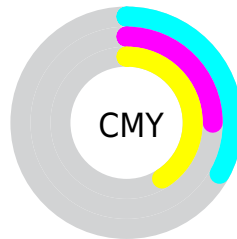
- Red (67%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2343, 0.3282, 0.3847 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 48.2343, 0.3282, 0.3847 by changing the saturation by 10% instead.


 48.2343, 0.3282,
0.3847


 48.2343, 0.3282,
0.3847


379.7201, 0.3209,
0.3563

 34.0125, 0.3299,
0.3919


 87.5532, 0.3257,
0.3743

 22.9032, 0.3319,
0.4013


 113.4190, 0.3247,
0.3704

 14.5220, 0.3344,
0.4139


143.9349, 0.3238,
0.3671

 8.4846, 0.3375,
0.4318

179.4853, 0.3231,
0.3643

 4.4066, 0.3411,
0.4587

220.4547, 0.3225,
0.3619

 1.9035, 0.3506,
0.5127

267.2273, 0.3219,

 0.5505, 0.2511,

0.3598

0.7489

320.1877, 0.3214,
0.3580

0.0000, 0.0000,
0.0000

48.2343, 0.3282,
0.3847

48.2343, 0.3282,
0.3847

46.7020, 0.3350,
0.4132

49.9378, 0.3210,
0.3576

45.3284, 0.3410,
0.4425

51.8120, 0.3138,
0.3325

44.1091, 0.3458,
0.4715

53.8645, 0.3066,
0.3095

43.0370, 0.3490,
0.4989

56.1004, 0.2998,
0.2886

42.1041, 0.3501,
0.5232

58.5247, 0.2932,
0.2699

■ 41.3018, 0.3490,
0.5432

■ 60.5078, 0.2934,
0.2620

■ 40.6196, 0.3457,
0.5580

■ 61.9683, 0.2999,
0.2632

■ 40.1169, 0.3416,
0.5670

■ 63.5036, 0.3065,
0.2645

■ 65.1148, 0.3131,
0.2658

Harmonies

Analogous

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



48.2343, 0.3570, 0.3835



48.2343, 0.3282, 0.3847



48.2343, 0.2963, 0.3685

Triad

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



48.2343, 0.3282, 0.3847



48.2343, 0.2544, 0.2873



48.2343, 0.3568, 0.3164

Complementary

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



48.2343, 0.3282, 0.3847



34.0114, 0.2943, 0.2729

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.



48.2343, 0.3272, 0.2938



48.2343, 0.3282, 0.3847



48.2343, 0.2687, 0.2768

Square

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



48.2343, 0.3282, 0.3847



48.2343, 0.2548, 0.3100



48.2343, 0.2949, 0.2795



48.2343, 0.3744, 0.3429

Rectangle

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



48.2343, 0.3282, 0.3847



48.2343, 0.2775, 0.3504



48.2343, 0.2949, 0.2795



48.2343, 0.3479, 0.3082

Sweetspot

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



48.2364, 0.3282, 0.3847



91.1992, 0.3171, 0.3439



41.4522, 0.3504, 0.3536



19.9778, 0.3176, 0.3456



97.7402, 0.3127, 0.3290



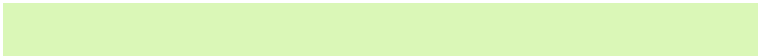
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2364, 0.3282, 0.3847



84.9926, 0.3316, 0.3987



46.1458, 0.3116, 0.3876



10.8949, 0.3195, 0.3522



26.4118, 0.3425, 0.5662



1.0731, 0.3604, 0.5520

Inverse Universe

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



34.0114, 0.2943, 0.2729



54.7421, 0.2892, 0.2588



36.3890, 0.3132, 0.2761



9.4361, 0.3054, 0.3058



3.8986, 0.1966, 0.0856



0.1916, 0.2241, 0.1008

Previews

White Background



This preview shows how the Yxy color 48.2343, 0.3282, 0.3847 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 48.2343, 0.3282, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

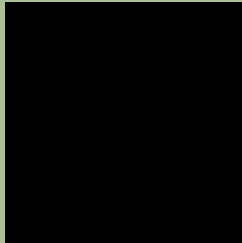
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2343, 0.3282, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 48.2343, 0.3282, 0.3847.



This preview shows how white text looks on a background with the Yxy color 48.2343, 0.3282, 0.3847.

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

48.2343, 0.3282, 0.3847

Protanopia

48.1233, 0.3534, 0.3765

Deuteranopia

47.8903, 0.3661, 0.3584



Tritanopia

47.9882, 0.2972, 0.3098

Trichromacy



Original Color

48.2343, 0.3282, 0.3847

Protanomaly

48.2436, 0.3437, 0.3802

Deuteranomaly

47.7287, 0.3516, 0.3674

Tritanomaly

48.1070, 0.3082, 0.3369

Monochromacy



Original Color

48.2343, 0.3282, 0.3847

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0652, 0.3185, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2343, 0.3282, 0.3847 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(172, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 150)  
}
```

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(172, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.2343, 0.3282, 0.3847 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(172, 191, 150) }
```

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

```
.border{ border-color:rgb(172, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2343, 0.3282, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 150) }
```

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

```
.background{ background-color: rgb(172,  
191, 150) }
```

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