

Converting Colors

$Yxy(47.6831, 0.3243, 0.3813)$

Have a look what the booklet for
Yxy(47.6831, 0.3243, 0.3813)
contains.

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Color

Yxy(47.5289, 0.3243, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	A9BE98
RGB	169, 190, 152
RGB Percent	66%, 75%, 60%
CMY	0.3372, 0.2549, 0.4040
CMYK	0.11, 0.00, 0.20, 0.25
HSL	93°, 23%, 67%
HSV	93°, 20%, 75%
XYZ	40.4451, 47.5289, 36.7410
YIQ	179.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

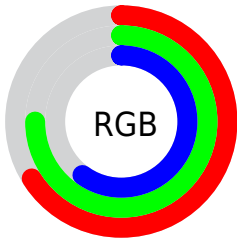
Format	Color
RYB	152, 190, 173
Decimal	11124376
CIELab	74.53, -14.12, 16.84
CIELCh	75, 21.980, 129.982
Yxy	47.5289, 0.3243, 0.3811
Android (android.graphics.Color)	4289314456 (0xFFA9BE98)
YUV	179.3890, -13.5028, -9.1112
Hunter-Lab	68.9412, -15.9282, 16.6612

Details

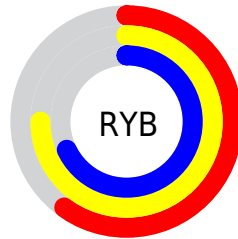
The Yxy color **47.5289, 0.3243, 0.3811** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0498, 0.2989, 0.2775**, and the grayscale version is **45.3733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2151, 0.3224, 0.3714**, and **22.6128, 0.3272, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **45.8436, 0.3297, 0.4101**, and if you desaturate by 10%, it is **49.4111, 0.3186, 0.3540**.

Distribution



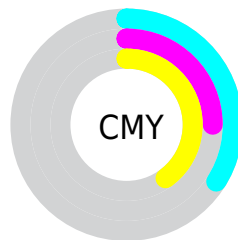
- Red (66%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)




- Cyan (34%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5289, 0.3243, 0.3811 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 47.5289, 0.3243, 0.3811 by changing the saturation by 10% instead.

 47.5289, 0.3243,
0.3811


 47.5289, 0.3243,
0.3811


376.9217, 0.3189,
0.3545

 33.4540, 0.3255,
0.3879


 86.5026, 0.3224,
0.3713

 22.4744, 0.3270,
0.3968


 112.1701, 0.3217,
0.3676

 14.2059, 0.3288,
0.4088

142.4706, 0.3211,
0.3646

 8.2640, 0.3309,
0.4257

177.7885, 0.3205,
0.3620

 4.2644, 0.3334,
0.4517

218.5082, 0.3200,
0.3597

 1.8225, 0.3396,
0.5023

265.0140, 0.3196,

 0.5011, 0.2079,

0.3577

0.7921

317.6904, 0.3192,
0.3560

0.0000, 0.0000,
0.0000

47.5289, 0.3243,
0.3811

47.5289, 0.3243,
0.3811

45.8436, 0.3297,
0.4101

49.4111, 0.3186,
0.3540

44.3421, 0.3343,
0.4403

51.4905, 0.3127,
0.3290

43.0191, 0.3379,
0.4706

53.7753, 0.3069,
0.3064

41.8666, 0.3400,
0.4998

56.2716, 0.3014,
0.2861

40.8760, 0.3403,
0.5262

58.9848, 0.2961,
0.2680

■ 40.0375, 0.3386,
0.5484

■ 61.1925, 0.2984,
0.2619

■ 39.3402, 0.3348,
0.5650

■ 62.9995, 0.3062,
0.2634

■ 38.7650, 0.3297,
0.5764

■ 64.9129, 0.3141,
0.2650

■ 65.3072, 0.3157,
0.2653

Harmonies

Analogous

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



47.5289, 0.3524, 0.3819



47.5289, 0.3243, 0.3811



47.5289, 0.2940, 0.3641

Triad

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



47.5289, 0.3243, 0.3811



47.5289, 0.2578, 0.2876



47.5289, 0.3572, 0.3196

Complementary

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



47.5289, 0.3243, 0.3811



35.0498, 0.2989, 0.2775

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.



47.5289, 0.3299, 0.2973



47.5289, 0.3243, 0.3811



47.5289, 0.2729, 0.2788

Square

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



47.5289, 0.3243, 0.3811



47.5289, 0.2566, 0.3082



47.5289, 0.2989, 0.2826



47.5289, 0.3723, 0.3450

Rectangle

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



47.5289, 0.3243, 0.3811



47.5289, 0.2766, 0.3463



47.5289, 0.2989, 0.2826



47.5289, 0.3491, 0.3116

Sweetspot

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



47.5310, 0.3243, 0.3811



90.9694, 0.3163, 0.3439



43.0602, 0.3465, 0.3568



19.9221, 0.3167, 0.3456



97.7402, 0.3127, 0.3290



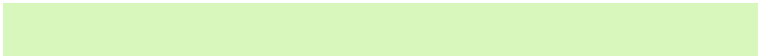
20.4902, 0.3127, 0.3290

Same Dimension

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



47.5310, 0.3243, 0.3811



84.7506, 0.3267, 0.3936



45.8305, 0.3088, 0.3806



10.8532, 0.3182, 0.3522



25.8215, 0.3306, 0.5757



1.0503, 0.3501, 0.5602

Inverse Universe

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



35.0498, 0.2989, 0.2775



58.0303, 0.2953, 0.2654



37.0341, 0.3167, 0.2823



9.4779, 0.3068, 0.3059



4.5107, 0.2139, 0.0952



0.2150, 0.2390, 0.1090

Previews

White Background



This preview shows how the Yxy color 47.5289, 0.3243, 0.3811 looks on a white background.

Color Contrast Check

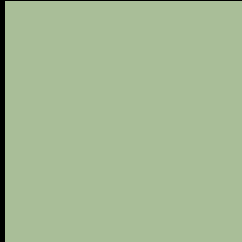
Large Text (above 18pt) WCAG AA × Fail

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 47.5289, 0.3243, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

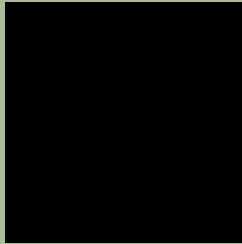
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5289, 0.3243, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 47.5289, 0.3243, 0.3811.



This preview shows how white text looks on a background with the Yxy color 47.5289, 0.3243, 0.3811.

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

47.5289, 0.3243, 0.3811

Protanopia

47.4744, 0.3511, 0.3743

Deuteranopia

47.2661, 0.3628, 0.3550



Tritanopia

47.5883, 0.2956, 0.3109

Trichromacy



Original Color

47.5289, 0.3243, 0.3811

Protanomaly

47.6020, 0.3413, 0.3779

Deuteranomaly

47.1166, 0.3484, 0.3638

Tritanomaly

47.3382, 0.3058, 0.3356

Monochromacy



Original Color

47.5289, 0.3243, 0.3811

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.8455, 0.3169, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5289, 0.3243, 0.3811 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, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 152)  
}
```

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, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 152) }
```

Border

The CSS property to change the border of an element to Yxy 47.5289, 0.3243, 0.3811 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, 190, 152) }
```

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

```
.border{ border-color:rgb(169, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5289, 0.3243, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 152) }
```

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

```
.background{ background-color: rgb(169,  
190, 152) }
```

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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