

Converting Colors

$Yxy(47.7850, 0.3349, 0.4135)$

Have a look what the booklet for
Yxy(47.7850, 0.3349, 0.4135)
contains.

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Color

Yxy(47.8052, 0.3353, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	A5C184
RGB	165, 193, 132
RGB Percent	65%, 76%, 52%
CMY	0.3529, 0.2431, 0.4823
CMYK	0.15, 0.00, 0.32, 0.24
HSL	88°, 33%, 64%
HSV	88°, 32%, 76%
XYZ	38.7550, 47.8052, 29.0229
YIQ	177.6740, 2.8930, -24.9070

Conversions

Conversions Part 2

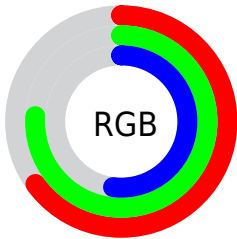
Format	Color
RYB	132, 193, 160
Decimal	10862980
CIELab	74.70, -20.19, 27.67
CIElCh	75, 34.253, 126.119
Yxy	47.8052, 0.3353, 0.4136
Android (android.graphics.Color)	4289053060 (0xFFA5C184)
YUV	177.6740, -22.5173, -11.1151
Hunter-Lab	69.1413, -20.9446, 23.5112

Details

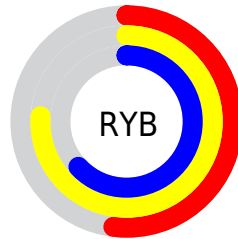
The Yxy color **47.8052, 0.3353, 0.4136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8346, 0.2832, 0.2435**, and the grayscale version is **44.4626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2885, 0.3318, 0.3975**, and **22.5192, 0.3395, 0.4384** is the 20% darker color. If you saturate the color by 10%, you get **46.4093, 0.3414, 0.4428**, and if you desaturate by 10%, it is **49.3688, 0.3285, 0.3851**.

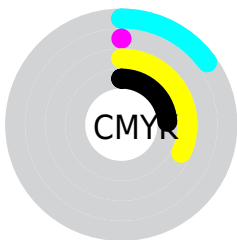
Distribution



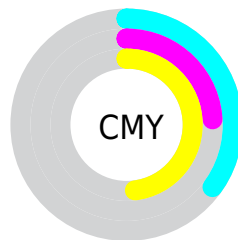
- Red (65%)
- Green (76%)
- Blue (52%)



- Red (52%)
- Yellow (76%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8052, 0.3353, 0.4136 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 47.8052, 0.3353, 0.4136 by changing the saturation by 10% instead.


 47.8052, 0.3353,
0.4136

 47.8052, 0.3353,
0.4136


378.0195, 0.3251,
0.3701

 33.6726, 0.3374,
0.4248


 86.9143, 0.3319,
0.3975

 22.6422, 0.3399,
0.4392


 112.6596, 0.3305,
0.3916

 14.3296, 0.3426,
0.4586


 143.0447, 0.3293,
0.3866

 8.3502, 0.3453,
0.4858

178.4538, 0.3283,
0.3823

 4.3199, 0.3465,
0.5261

219.2715, 0.3273,
0.3786

 1.8541, 0.3665,
0.6335

265.8821, 0.3265,

 0.5205, 0.0036,

0.3754

0.9964

318.6699, 0.3258,
0.3726

0.0000, 0.0000,
0.0000

47.8052, 0.3353,
0.4136

47.8052, 0.3353,
0.4136

46.4093, 0.3414,
0.4428

49.3688, 0.3285,
0.3851

45.1682, 0.3462,
0.4718

51.1002, 0.3212,
0.3580

44.0766, 0.3494,
0.4990


53.0073, 0.3139,
0.3328

43.1266, 0.3506,
0.5233


55.0957, 0.3067,
0.3098

42.3091, 0.3495,
0.5431

57.3707, 0.2997,
0.2889

 41.6136, 0.3462,
0.5577

 59.8373, 0.2931,
0.2701

 41.1078, 0.3422,
0.5665

 61.6947, 0.2948,
0.2643

 63.1727, 0.3013,
0.2656

 64.7259, 0.3079,
0.2668

Harmonies

Analogous

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



47.8052, 0.3779, 0.4090



47.8052, 0.3353, 0.4136



47.8052, 0.2886, 0.3900

Triad

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



47.8052, 0.3353, 0.4136



47.8052, 0.2283, 0.2677



47.8052, 0.3774, 0.3091

Complementary

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



47.8052, 0.3353, 0.4136



27.8346, 0.2832, 0.2435

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.



47.8052, 0.3324, 0.2776



47.8052, 0.3353, 0.4136



47.8052, 0.2478, 0.2536

Square

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



47.8052, 0.3353, 0.4136



47.8052, 0.2290, 0.3003



47.8052, 0.2849, 0.2577



47.8052, 0.4043, 0.3465

Rectangle

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



47.8052, 0.3353, 0.4136



47.8052, 0.2614, 0.3619



47.8052, 0.2849, 0.2577



47.8052, 0.3637, 0.2976

Sweetspot

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



47.8073, 0.3353, 0.4136



92.3290, 0.3194, 0.3516



37.9603, 0.3725, 0.3660



19.7034, 0.3205, 0.3554



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.



47.8073, 0.3353, 0.4136



83.8401, 0.3397, 0.4341



44.9637, 0.3107, 0.4203



11.5212, 0.3196, 0.3522



27.3896, 0.3430, 0.5658



1.2240, 0.3596, 0.5527

Inverse Universe

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



27.8346, 0.2832, 0.2435



42.3952, 0.2749, 0.2225



31.3006, 0.3132, 0.2507



9.9694, 0.3053, 0.3057



4.0064, 0.1956, 0.0851



0.2140, 0.2212, 0.0992

Previews

White Background



This preview shows how the Yxy color 47.8052, 0.3353, 0.4136 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 47.8052, 0.3353, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

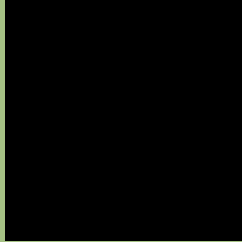
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8052, 0.3353, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 47.8052, 0.3353, 0.4136.



This preview shows how white text looks on a background with the Yxy color 47.8052, 0.3353, 0.4136.

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

47.8052, 0.3353, 0.4136

Protanopia

47.4313, 0.3714, 0.3992

Deuteranopia

47.5800, 0.3853, 0.3774



Tritanopia

47.9354, 0.2941, 0.3109

Trichromacy



Original Color

47.8052, 0.3353, 0.4136

Protanomaly

47.5647, 0.3580, 0.4056

Deuteranomaly

47.2109, 0.3660, 0.3892

Tritanomaly

47.7195, 0.3086, 0.3464

Monochromacy



Original Color

47.8052, 0.3353, 0.4136

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3244, 0.3216, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8052, 0.3353, 0.4136 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(165, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 132)  
}
```

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(165, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 132) }
```

Border

The CSS property to change the border of an element to Yxy 47.8052, 0.3353, 0.4136 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(165, 193, 132) }
```

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

```
.border{ border-color:rgb(165, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8052, 0.3353, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 132) }
```

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

```
.background{ background-color: rgb(165,  
193, 132) }
```

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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