

Converting Colors

$Yxy(47.3291, 0.3491, 0.3985)$

Have a look what the booklet for
Yxy(47.3291, 0.3491, 0.3985)
contains.

Yxy(47.2350, 0.3496, 0.3985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.2350, 0.3496, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	B6BB87
RGB	182, 187, 135
RGB Percent	71%, 73%, 53%
CMY	0.2862, 0.2667, 0.4705
CMYK	0.03, 0.00, 0.28, 0.27
HSL	66°, 28%, 63%
HSV	66°, 28%, 73%
XYZ	41.4388, 47.2350, 29.8582
YIQ	179.5770, 13.7120, -17.2320

Conversions

Conversions Part 2

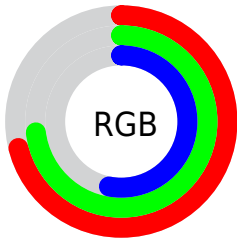
Format	Color
RYB	135, 187, 140
Decimal	11975559
CIELab	74.34, -10.26, 25.82
CIELCh	74, 27.786, 111.673
Yxy	47.2350, 0.3496, 0.3985
Android (android.graphics.Color)	4290165639 (0xFFB6BB87)
YUV	179.5770, -21.9765, 2.1250
Hunter-Lab	68.7277, -12.6485, 22.3513

Details

The Yxy color **47.2350, 0.3496, 0.3985** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.4933, 0.2695, 0.2510**, and the grayscale version is **45.5205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9525, 0.3428, 0.3852**, and **22.2953, 0.3580, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **46.5390, 0.3624, 0.4236**, and if you desaturate by 10%, it is **48.0305, 0.3363, 0.3730**.

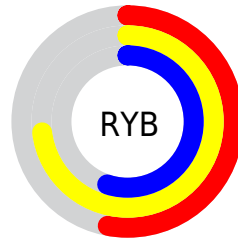
Distribution



Red (71%)

Green (73%)

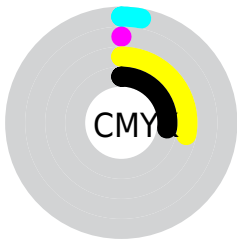
Blue (53%)



Red (53%)

Yellow (73%)

Blue (55%)

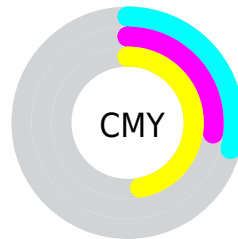


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (29%)


Magenta (27%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2350, 0.3496, 0.3985 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 47.2350, 0.3496, 0.3985 by changing the saturation by 10% instead.

 47.2350, 0.3496,
0.3985


 47.2350, 0.3496,
0.3985


375.7518, 0.3318,
0.3633


 33.2215, 0.3538,
0.4074


 86.0643, 0.3433,
0.3856

 22.2962, 0.3589,
0.4187


 111.6489, 0.3409,
0.3808

 14.0747, 0.3654,
0.4338


 141.8592, 0.3388,
0.3767

 8.1726, 0.3737,
0.4547

177.0798, 0.3370,
0.3733

 4.2056, 0.3840,
0.4848

217.6949, 0.3355,
0.3703

 1.7892, 0.4265,
0.5735

264.0890, 0.3341,

 0.4804, 0.3002,

0.3676

0.6998

316.6465, 0.3329,
0.3653

0.0000, 0.0000,
0.0000

47.2350, 0.3496,
0.3985

47.2350, 0.3496,
0.3985

46.5390, 0.3624,
0.4236

48.0305, 0.3363,
0.3730

45.9314, 0.3743,
0.4475

48.9237, 0.3229,
0.3479

45.4090, 0.3845,
0.4690

49.9209, 0.3099,
0.3238

44.9658, 0.3927,
0.4873

51.0260, 0.2974,
0.3011

44.5954, 0.3985,
0.5016

52.2429, 0.2857,
0.2800

■ 44.2899, 0.4017,
0.5115

■ 53.5751, 0.2749,
0.2605

■ 44.0376, 0.4025,
0.5174

■ 54.3031, 0.2713,
0.2531

■ 43.9849, 0.4026,
0.5185

■ 54.5424, 0.2726,
0.2534

■ 54.7846, 0.2738,
0.2536

Harmonies

Analogous

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



47.2350, 0.3787, 0.3864



47.2350, 0.3496, 0.3985



47.2350, 0.3117, 0.3898

Triad

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



47.2350, 0.3496, 0.3985



47.2350, 0.2410, 0.2905



47.2350, 0.3490, 0.2992

Complementary

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



47.2350, 0.3496, 0.3985



26.4933, 0.2695, 0.2510

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.



47.2350, 0.3100, 0.2769



47.2350, 0.3496, 0.3985



47.2350, 0.2494, 0.2707

Square

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



47.2350, 0.3496, 0.3985



47.2350, 0.2502, 0.3234



47.2350, 0.2738, 0.2665



47.2350, 0.3791, 0.3290

Rectangle

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



47.2350, 0.3496, 0.3985



47.2350, 0.2867, 0.3723



47.2350, 0.2738, 0.2665



47.2350, 0.3364, 0.2907

Sweetspot

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



47.2371, 0.3496, 0.3985



87.5682, 0.3234, 0.3487



30.8790, 0.3707, 0.3352



19.2282, 0.3254, 0.3525



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.



47.2371, 0.3496, 0.3985



83.8658, 0.3570, 0.4130



44.4248, 0.3271, 0.4038



11.0728, 0.3250, 0.3518



30.3238, 0.4028, 0.5184



1.2014, 0.4070, 0.5150

Inverse Universe

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



26.4933, 0.2695, 0.2510



40.9170, 0.2588, 0.2322



28.9543, 0.2939, 0.2562



9.2679, 0.2998, 0.3054



2.5748, 0.1537, 0.0620



0.1157, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 47.2350, 0.3496, 0.3985 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 47.2350, 0.3496, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

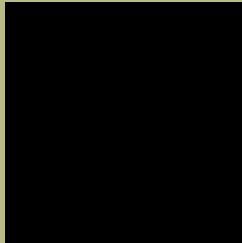
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2350, 0.3496, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 47.2350, 0.3496, 0.3985.



This preview shows how white text looks on a background with the Yxy color 47.2350, 0.3496, 0.3985.

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

47.2350, 0.3496, 0.3985

Protanopia

47.2962, 0.3654, 0.3934

Deuteranopia

46.9132, 0.3830, 0.3754



Tritanopia

47.0824, 0.3102, 0.3101

Trichromacy



Original Color

47.2350, 0.3496, 0.3985

Protanomaly

47.0786, 0.3596, 0.3943

Deuteranomaly

46.7143, 0.3709, 0.3834

Tritanomaly

47.0378, 0.3242, 0.3407

Monochromacy



Original Color

47.2350, 0.3496, 0.3985

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.3711, 0.3262, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2350, 0.3496, 0.3985 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(182, 187, 135)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 135)  
}
```

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(182, 187, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 135) }
```

Border

The CSS property to change the border of an element to Yxy 47.2350, 0.3496, 0.3985 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(182, 187, 135) }
```

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

```
.border{ border-color:rgb(182, 187, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2350, 0.3496, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 135) }
```

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

```
.background{ background-color: rgb(182,  
187, 135) }
```

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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