

Converting Colors

$Yxy(48.5198, 0.3495, 0.4043)$

Have a look what the booklet for
Yxy(48.5198, 0.3495, 0.4043)
contains.

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Color

Yxy(48.4932, 0.3495, 0.4034)

Conversions

Conversions Part 1

Format	Color
Hex	B6BE86
RGB	182, 190, 134
RGB Percent	71%, 75%, 53%
CMY	0.2862, 0.2549, 0.4745
CMYK	0.04, 0.00, 0.29, 0.25
HSL	69°, 30%, 64%
HSV	69°, 29%, 75%
XYZ	42.0138, 48.4932, 29.7042
YIQ	181.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

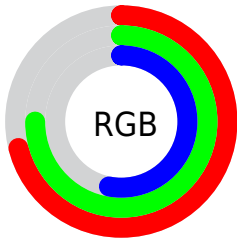
Format	Color
RYB	134, 190, 142
Decimal	11976326
CIELab	75.13, -11.94, 27.42
CIElCh	75, 29.905, 113.539
Yxy	48.4932, 0.3495, 0.4034
Android (android.graphics.Color)	4290166406 (0xFFB6BE86)
YUV	181.2240, -23.2814, 0.6806
Hunter-Lab	69.6371, -14.1712, 23.4554

Details

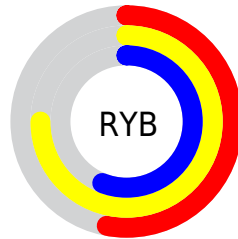
The Yxy color **48.4932, 0.3495, 0.4034** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.5203, 0.2688, 0.2460**, and the grayscale version is **46.4628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7195, 0.3428, 0.3891**, and **23.1206, 0.3575, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **47.6858, 0.3614, 0.4289**, and if you desaturate by 10%, it is **49.4065, 0.3370, 0.3775**.

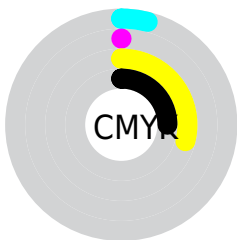
Distribution



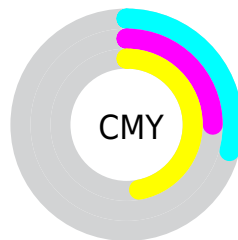
- Red (71%)
- Green (75%)
- Blue (53%)



- Red (53%)
- Yellow (75%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)




- Cyan (29%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4932, 0.3495, 0.4034 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 48.4932, 0.3495, 0.4034 by changing the saturation by 10% instead.

 48.4932, 0.3495,
0.4034


 48.4932, 0.3495,
0.4034


380.7437, 0.3319,
0.3658

 34.2176, 0.3535,
0.4128


 87.9383, 0.3434,
0.3897

 23.0608, 0.3585,
0.4249


 113.8766, 0.3410,
0.3845

 14.6384, 0.3646,
0.4409


 144.4712, 0.3389,
0.3802

 8.5660, 0.3722,
0.4629

180.1066, 0.3372,
0.3765

 4.4592, 0.3813,
0.4945

221.1672, 0.3356,
0.3732

 1.9336, 0.4181,
0.5819

268.0373, 0.3342,

 0.5685, 0.3044,

0.3704

0.6956

321.1014, 0.3330,
0.3680

0.0000, 0.0000,
0.0000

48.4932, 0.3495,
0.4034

48.4932, 0.3495,
0.4034

47.6858, 0.3614,
0.4289

49.4065, 0.3370,
0.3775

46.9728, 0.3721,
0.4532

50.4240, 0.3244,
0.3521

46.3505, 0.3812,
0.4751

51.5523, 0.3121,
0.3277

45.8130, 0.3882,
0.4938

52.7956, 0.3002,
0.3048

45.3529, 0.3927,
0.5083

54.1578, 0.2890,
0.2835

■ 44.9621, 0.3946,
0.5184

■ 55.6427, 0.2785,
0.2639

■ 44.6251, 0.3944,
0.5247

■ 56.4560, 0.2760,
0.2574

■ 44.6076, 0.3944,
0.5250

■ 56.8339, 0.2779,
0.2578

■ 57.2184, 0.2798,
0.2582

Harmonies

Analogous

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



48.4932, 0.3815, 0.3913



48.4932, 0.3495, 0.4034



48.4932, 0.3089, 0.3928

Triad

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



48.4932, 0.3495, 0.4034



48.4932, 0.2366, 0.2860



48.4932, 0.3538, 0.2991

Complementary

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



48.4932, 0.3495, 0.4034



26.5203, 0.2688, 0.2460

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.



48.4932, 0.3123, 0.2749



48.4932, 0.3495, 0.4034



48.4932, 0.2465, 0.2662

Square

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



48.4932, 0.3495, 0.4034



48.4932, 0.2451, 0.3204



48.4932, 0.2734, 0.2629



48.4932, 0.3850, 0.3308

Rectangle

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



48.4932, 0.3495, 0.4034



48.4932, 0.2826, 0.3733



48.4932, 0.2734, 0.2629



48.4932, 0.3405, 0.2899

Sweetspot

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



48.4954, 0.3495, 0.4034



91.4427, 0.3240, 0.3513



31.8591, 0.3744, 0.3395



20.0173, 0.3259, 0.3550



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.



48.4954, 0.3495, 0.4034



86.9688, 0.3568, 0.4191



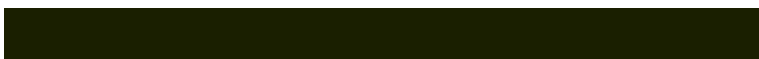
45.4697, 0.3255, 0.4095



11.0499, 0.3243, 0.3518



29.6891, 0.3947, 0.5248



1.1821, 0.4010, 0.5198

Inverse Universe

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



26.5203, 0.2688, 0.2460



41.0442, 0.2578, 0.2260



29.2583, 0.2953, 0.2520



9.2887, 0.3005, 0.3054



2.6483, 0.1563, 0.0635



0.1249, 0.1746, 0.0735

Previews

White Background



This preview shows how the Yxy color 48.4932, 0.3495, 0.4034 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 48.4932, 0.3495, 0.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

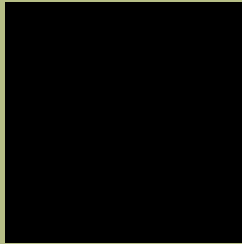
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

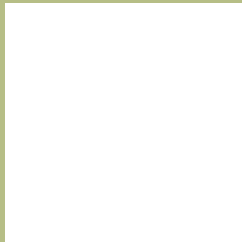
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4932, 0.3495, 0.4034

Background



This preview shows how black text looks on a background with the Yxy color 48.4932, 0.3495, 0.4034.



This preview shows how white text looks on a background with the Yxy color 48.4932, 0.3495, 0.4034.

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

48.4932, 0.3495, 0.4034

Protanopia

48.5060, 0.3682, 0.3963

Deuteranopia

48.1559, 0.3850, 0.3772



Tritanopia

48.3886, 0.3085, 0.3115

Trichromacy



Original Color

48.4932, 0.3495, 0.4034

Protanomaly

48.5716, 0.3612, 0.3987

Deuteranomaly

48.2126, 0.3716, 0.3866

Tritanomaly

48.2798, 0.3239, 0.3445

Monochromacy



Original Color

48.4932, 0.3495, 0.4034

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.7851, 0.3260, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4932, 0.3495, 0.4034 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, 190, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 134)  
}
```

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, 190, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 134) }
```

Border

The CSS property to change the border of an element to Yxy 48.4932, 0.3495, 0.4034 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, 190, 134) }
```

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

```
.border{ border-color:rgb(182, 190, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4932, 0.3495, 0.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 134) }
```

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

```
.background{ background-color: rgb(182,  
190, 134) }
```

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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