

Converting Colors

$Yxy(49.9925, 0.3392, 0.3891)$

Have a look what the booklet for
Yxy(49.9925, 0.3392, 0.3891)
contains.

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Color

Yxy(49.7509, 0.3389, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	B6C093
RGB	182, 192, 147
RGB Percent	71%, 75%, 58%
CMY	0.2862, 0.2471, 0.4234
CMYK	0.05, 0.00, 0.23, 0.25
HSL	73°, 26%, 66%
HSV	73°, 23%, 75%
XYZ	43.4104, 49.7509, 34.9307
YIQ	183.8800, 8.4850, -16.1150

Conversions

Conversions Part 2

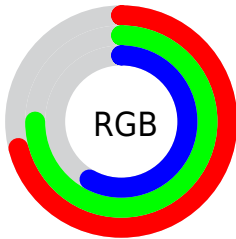
Format	Color
RYB	147, 192, 157
Decimal	11976851
CIELab	75.92, -11.14, 21.56
CIElCh	76, 24.269, 117.314
Yxy	49.7509, 0.3389, 0.3884
Android (android.graphics.Color)	4290166931 (0xFFB6C093)
YUV	183.8800, -18.1818, -1.6488
Hunter-Lab	70.5343, -13.5772, 20.0119

Details

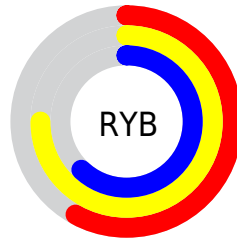
The Yxy color $49.7509, 0.3389, 0.3884$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.8535, 0.2823, 0.2656$, and the grayscale version is $47.9645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.5290, 0.3345, 0.3774$, and $23.9769, 0.3458, 0.4064$ is the 20% darker color. If you saturate the color by 10%, you get $48.6879, 0.3498, 0.4150$, and if you desaturate by 10%, it is $50.9347, 0.3277, 0.3623$.

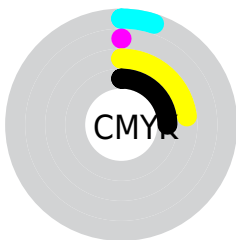
Distribution



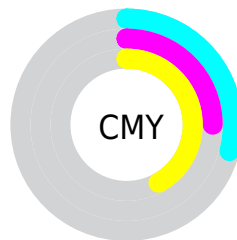
- Red (71%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7509, 0.3389, 0.3884 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 49.7509, 0.3389, 0.3884 by changing the saturation by 10% instead.


 49.7509, 0.3389,
0.3884


 49.7509, 0.3389,
0.3884


385.6910, 0.3264,
0.3584

 35.2155, 0.3418,
0.3959


 89.8057, 0.3345,
0.3775

 23.8289, 0.3454,
0.4056


 116.0939, 0.3328,
0.3734

 15.2068, 0.3500,
0.4185


147.0685, 0.3313,
0.3699

 8.9646, 0.3558,
0.4363

183.1138, 0.3301,
0.3670

 4.7181, 0.3633,
0.4627

224.6144, 0.3290,
0.3644

 2.0828, 0.3813,
0.5168

271.9545, 0.3280,

 0.6549, 0.3487,

0.3622

0.6513

325.5186, 0.3271,
0.3602

0.0000, 0.0000,
0.0000

49.7509, 0.3389,
0.3884

49.7509, 0.3389,
0.3884

48.6879, 0.3498,
0.4150

50.9347, 0.3277,
0.3623

47.7340, 0.3598,
0.4412

52.2376, 0.3165,
0.3372

46.8859, 0.3685,
0.4660

53.6662, 0.3056,
0.3137

46.1374, 0.3754,
0.4884

55.2247, 0.2952,
0.2919

45.4818, 0.3800,
0.5072

56.9173, 0.2855,
0.2719

■ 44.9113, 0.3821,
0.5216

■ 58.2730, 0.2808,
0.2606

■ 44.4163, 0.3816,
0.5315

■ 58.8984, 0.2839,
0.2612

■ 44.1202, 0.3804,
0.5362

■ 59.5405, 0.2869,
0.2618

■ 60.1995, 0.2900,
0.2624

Harmonies

Analogous

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



49.7509, 0.3659, 0.3816



49.7509, 0.3389, 0.3884



49.7509, 0.3059, 0.3772

Triad

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



49.7509, 0.3389, 0.3884



49.7509, 0.2508, 0.2919



49.7509, 0.3497, 0.3079

Complementary

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



49.7509, 0.3389, 0.3884



31.8535, 0.2823, 0.2656

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.



49.7509, 0.3169, 0.2868



49.7509, 0.3389, 0.3884



49.7509, 0.2609, 0.2769

Square

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



49.7509, 0.3389, 0.3884



49.7509, 0.2560, 0.3186



49.7509, 0.2846, 0.2755



49.7509, 0.3727, 0.3345

Rectangle

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



49.7509, 0.3389, 0.3884



49.7509, 0.2849, 0.3607



49.7509, 0.2846, 0.2755



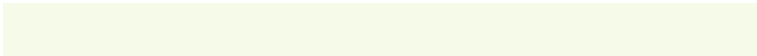
49.7509, 0.3393, 0.3000

Sweetspot

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



49.7531, 0.3389, 0.3884



93.7535, 0.3206, 0.3463



37.3518, 0.3576, 0.3422



20.0823, 0.3213, 0.3478



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.



49.7531, 0.3389, 0.3884



89.1530, 0.3444, 0.4018



47.2574, 0.3200, 0.3921



11.6418, 0.3231, 0.3520



29.7235, 0.3809, 0.5357



1.3128, 0.3899, 0.5286

Inverse Universe

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



31.8535, 0.2823, 0.2656



51.1753, 0.2745, 0.2501



34.2975, 0.3031, 0.2693



9.8535, 0.3017, 0.3054



2.9306, 0.1626, 0.0669



0.1582, 0.1855, 0.0796

Previews

White Background



This preview shows how the Yxy color 49.7509, 0.3389, 0.3884 looks on a white background.

Color Contrast Check

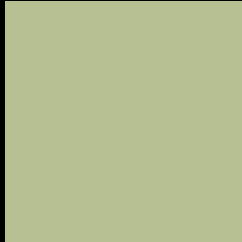
Large Text (above 18pt) WCAG AA × Fail

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 49.7509, 0.3389, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

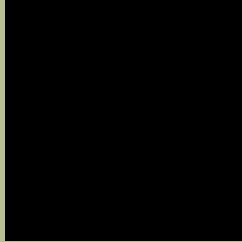
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

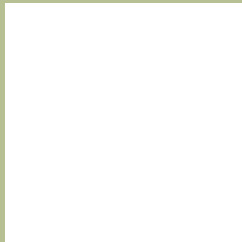
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7509, 0.3389, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 49.7509, 0.3389, 0.3884.



This preview shows how white text looks on a background with the Yxy color 49.7509, 0.3389, 0.3884.

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

49.7509, 0.3389, 0.3884

Protanopia

49.7271, 0.3569, 0.3822

Deuteranopia

49.7500, 0.3723, 0.3651



Tritanopia

49.6869, 0.3045, 0.3103

Trichromacy



Original Color

49.7509, 0.3389, 0.3884

Protanomaly

49.8080, 0.3501, 0.3843

Deuteranomaly

49.4300, 0.3600, 0.3727

Tritanomaly

49.7417, 0.3164, 0.3380

Monochromacy



Original Color

49.7509, 0.3389, 0.3884

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5482, 0.3218, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7509, 0.3389, 0.3884 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, 192, 147)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 147)  
}
```

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, 192, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 147) }
```

Border

The CSS property to change the border of an element to Yxy 49.7509, 0.3389, 0.3884 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, 192, 147) }
```

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

```
.border{ border-color:rgb(182, 192, 147) }
```

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

Here you see how a box with a 4 pixel rgb(182, 192, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 147);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7509, 0.3389, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 147) }
```

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

```
.background{ background-color: rgb(182,  
192, 147) }
```

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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