

Converting Colors

$Yxy(49.5134, 0.3341, 0.3969)$

Have a look what the booklet for
Yxy(49.5134, 0.3341, 0.3969)
contains.

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Color

Yxy(49.5959, 0.3339, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	AEC290
RGB	174, 194, 144
RGB Percent	68%, 76%, 56%
CMY	0.3176, 0.2392, 0.4352
CMYK	0.10, 0.00, 0.26, 0.24
HSL	84°, 29%, 66%
HSV	84°, 26%, 76%
XYZ	41.7867, 49.5959, 33.7648
YIQ	182.3200, 4.1300, -19.7900

Conversions

Conversions Part 2

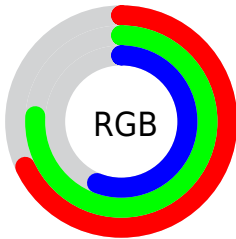
Format	Color
RYB	144, 194, 164
Decimal	11453072
CIELab	75.82, -15.59, 22.94
CIElCh	76, 27.733, 124.195
Yxy	49.5959, 0.3339, 0.3963
Android (android.graphics.Color)	4289643152 (0xFFAEC290)
YUV	182.3200, -18.8918, -7.2966
Hunter-Lab	70.4244, -17.3286, 20.8706

Details

The Yxy color **49.5959, 0.3339, 0.3963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7405, 0.2869, 0.2600**, and the grayscale version is **47.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8946, 0.3306, 0.3843**, and **23.6114, 0.3390, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **48.1897, 0.3415, 0.4247**, and if you desaturate by 10%, it is **51.1598, 0.3258, 0.3689**.

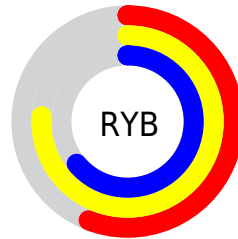
Distribution



Red (68%)

Green (76%)

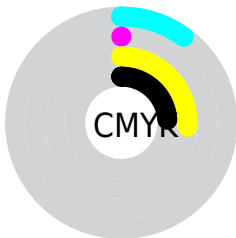
Blue (56%)



Red (56%)

Yellow (76%)

Blue (64%)

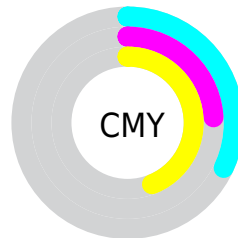


Cyan (10%)

Magenta (0%)

Yellow (26%)

Black (24%)



Cyan (32%)


Magenta (24%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5959, 0.3339, 0.3963 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 49.5959, 0.3339, 0.3963 by changing the saturation by 10% instead.


 49.5959, 0.3339,
0.3963


 49.5959, 0.3339,
0.3963


385.0836, 0.3240,
0.3621

 35.0924, 0.3361,
0.4050


 89.5759, 0.3305,
0.3838

 23.7341, 0.3388,
0.4162


 115.8211, 0.3292,
0.3791

 15.1365, 0.3420,
0.4311


146.7491, 0.3280,
0.3751

 8.9152, 0.3458,
0.4521

182.7442, 0.3270,
0.3718

 4.6859, 0.3501,
0.4831

224.1908, 0.3261,
0.3689

 2.0642, 0.3659,
0.5529

271.4733, 0.3253,

 0.6444, 0.2647,

0.3663

0.7353

324.9761, 0.3247,
0.3641

0.0000, 0.0000,
0.0000

49.5959, 0.3339,
0.3963

49.5959, 0.3339,
0.3963

48.1897, 0.3415,
0.4247

51.1598, 0.3258,
0.3689

46.9285, 0.3481,
0.4531

52.8806, 0.3175,
0.3430

45.8081, 0.3533,
0.4805

54.7658, 0.3093,
0.3191

44.8213, 0.3567,
0.5056

56.8204, 0.3013,
0.2972

43.9600, 0.3578,
0.5271

59.0493, 0.2938,
0.2773

■ 43.2152, 0.3564,
0.5438

■ 61.1029, 0.2901,
0.2645

■ 42.5756, 0.3529,
0.5554

■ 62.3449, 0.2958,
0.2656

■ 42.3272, 0.3510,
0.5595

■ 63.6438, 0.3014,
0.2666

■ 65.0003, 0.3072,
0.2677

Harmonies

Analogous

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



49.5959, 0.3673, 0.3925



49.5959, 0.3339, 0.3963



49.5959, 0.2961, 0.3788

Triad

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



49.5959, 0.3339, 0.3963



49.5959, 0.2436, 0.2812



49.5959, 0.3624, 0.3114

Complementary

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



49.5959, 0.3339, 0.3963



31.7405, 0.2869, 0.2600

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.



49.5959, 0.3263, 0.2858



49.5959, 0.3339, 0.3963



49.5959, 0.2587, 0.2681

Square

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



49.5959, 0.3339, 0.3963



49.5959, 0.2454, 0.3089



49.5959, 0.2883, 0.2702



49.5959, 0.3850, 0.3421

Rectangle

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



49.5959, 0.3339, 0.3963



49.5959, 0.2736, 0.3575



49.5959, 0.2883, 0.2702



49.5959, 0.3514, 0.3020

Sweetspot

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



49.5981, 0.3339, 0.3963



95.0453, 0.3194, 0.3490



39.7416, 0.3605, 0.3546



20.7074, 0.3207, 0.3529



0.0000, 0.0000, 0.0000



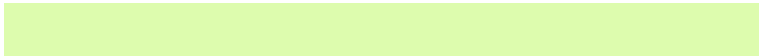
21.4041, 0.3127, 0.3290

Same Dimension

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



49.5981, 0.3339, 0.3963



88.3665, 0.3383, 0.4125



47.0667, 0.3139, 0.4006



11.5511, 0.3205, 0.3522



27.8786, 0.3519, 0.5588



1.2437, 0.3669, 0.5469

Inverse Universe

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



31.7405, 0.2869, 0.2600



50.4483, 0.2798, 0.2429



34.5610, 0.3100, 0.2646



9.9400, 0.3044, 0.3056



3.6578, 0.1854, 0.0795



0.1981, 0.2116, 0.0939

Previews

White Background



This preview shows how the Yxy color 49.5959, 0.3339, 0.3963 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 49.5959, 0.3339, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

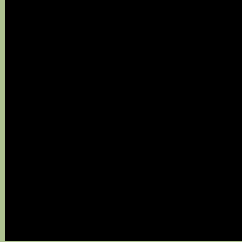
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5959, 0.3339, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 49.5959, 0.3339, 0.3963.



This preview shows how white text looks on a background with the Yxy color 49.5959, 0.3339, 0.3963.

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

49.5959, 0.3339, 0.3963

Protanopia

49.3203, 0.3614, 0.3859

Deuteranopia

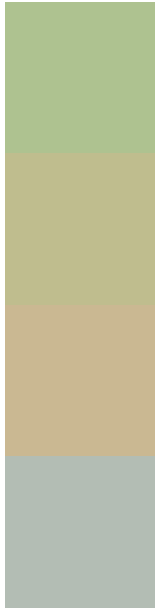
49.2522, 0.3753, 0.3675



Tritanopia

49.2799, 0.2982, 0.3100

Trichromacy



Original Color

49.5959, 0.3339, 0.3963

Protanomaly

49.4246, 0.3515, 0.3899

Deuteranomaly

48.9129, 0.3597, 0.3769

Tritanomaly

49.2742, 0.3113, 0.3407

Monochromacy



Original Color

49.5959, 0.3339, 0.3963

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.5287, 0.3209, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5959, 0.3339, 0.3963 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(174, 194, 144)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 144)  
}
```

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(174, 194, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 144) }
```

Border

The CSS property to change the border of an element to Yxy 49.5959, 0.3339, 0.3963 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(174, 194, 144) }
```

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

```
.border{ border-color:rgb(174, 194, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 144);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5959, 0.3339, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 144) }
```

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

```
.background{ background-color: rgb(174,  
194, 144) }
```

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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