

Converting Colors

$Yxy(44.9378, 0.3328, 0.3969)$

Have a look what the booklet for
Yxy(44.9378, 0.3328, 0.3969)
contains.

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Color

Yxy(44.9521, 0.3323, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	A5BA8A
RGB	165, 186, 138
RGB Percent	65%, 73%, 54%
CMY	0.3529, 0.2706, 0.4589
CMYK	0.11, 0.00, 0.26, 0.27
HSL	86°, 26%, 64%
HSV	86°, 26%, 73%
XYZ	37.6641, 44.9521, 30.7275
YIQ	174.2490, 2.8920, -19.3800

Conversions

Conversions Part 2

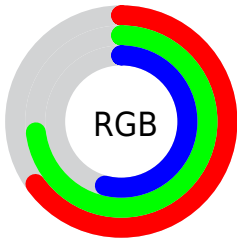
Format	Color
RYB	138, 186, 159
Decimal	10861194
CIELab	72.86, -15.76, 22.02
CIELCh	73, 27.083, 125.598
Yxy	44.9521, 0.3323, 0.3966
Android (android.graphics.Color)	4289051274 (0xFFA5BA8A)
YUV	174.2490, -17.8708, -8.1114
Hunter-Lab	67.0463, -17.0565, 19.7597

Details

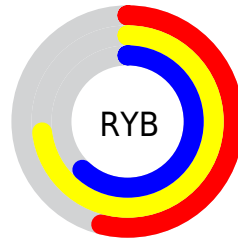
The Yxy color **44.9521, 0.3323, 0.3966** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.0837, 0.2886, 0.2604**, and the grayscale version is **42.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5257, 0.3286, 0.3832**, and **20.9903, 0.3369, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **43.6164, 0.3392, 0.4252**, and if you desaturate by 10%, it is **46.4394, 0.3248, 0.3691**.

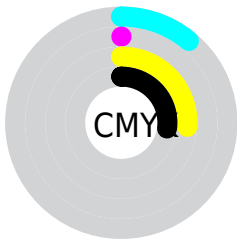
Distribution



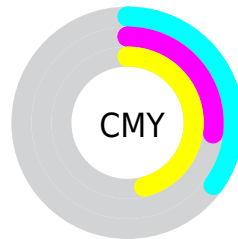
- Red (65%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9521, 0.3323, 0.3966 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 44.9521, 0.3323, 0.3966 by changing the saturation by 10% instead.

■ 44.9521, 0.3323,
0.3966

■ 44.9521, 0.3323,
0.3966

366.5795, 0.3231,
0.3616

■ 31.4197, 0.3344,
0.4057

■ 82.6485, 0.3291,
0.3836

■ 20.9186, 0.3369,
0.4175

■ 107.5813, 0.3279,
0.3788

■ 13.0645, 0.3399,
0.4335

■ 137.0831, 0.3268,
0.3748

■ 7.4730, 0.3435,
0.4563

171.5382, 0.3258,
0.3714

■ 3.7596, 0.3470,
0.4912

211.3309, 0.3250,
0.3685

■ 1.5400, 0.3860,
0.6098

256.8458, 0.3243,

■ 0.3167, 0.0000,

0.3659

1.0000

308.4672, 0.3236,
0.3636

0.0000, 0.0000,
0.0000

44.9521, 0.3323,
0.3966

44.9521, 0.3323,
0.3966

43.6164, 0.3392,
0.4252

46.4394, 0.3248,
0.3691

42.4207, 0.3452,
0.4541

48.0778, 0.3172,
0.3432

41.3608, 0.3498,
0.4821

49.8742, 0.3096,
0.3193

40.4300, 0.3526,
0.5079

51.8336, 0.3022,
0.2975

39.6207, 0.3531,
0.5300

53.9604, 0.2951,
0.2777

■ 38.9246, 0.3514,
0.5474

■ 56.2591, 0.2885,
0.2600

■ 38.3310, 0.3475,
0.5596

■ 57.8555, 0.2909,
0.2561

■ 38.1047, 0.3455,
0.5638

■ 59.1697, 0.2970,
0.2574

■ 60.5466, 0.3031,
0.2587

Harmonies

Analogous

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



44.9521, 0.3665, 0.3937



44.9521, 0.3323, 0.3966



44.9521, 0.2942, 0.3780

Triad

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



44.9521, 0.3323, 0.3966



44.9521, 0.2433, 0.2798



44.9521, 0.3644, 0.3126

Complementary

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



44.9521, 0.3323, 0.3966



29.0837, 0.2886, 0.2604

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.



44.9521, 0.3283, 0.2864



44.9521, 0.3323, 0.3966



44.9521, 0.2594, 0.2673

Square

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



44.9521, 0.3323, 0.3966



44.9521, 0.2444, 0.3071



44.9521, 0.2898, 0.2701



44.9521, 0.3862, 0.3436

Rectangle

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



44.9521, 0.3323, 0.3966



44.9521, 0.2718, 0.3561



44.9521, 0.2898, 0.2701



44.9521, 0.3534, 0.3031

Sweetspot

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



44.9541, 0.3323, 0.3966



86.4291, 0.3189, 0.3490



36.9975, 0.3597, 0.3578



18.9322, 0.3201, 0.3529



95.5105, 0.3127, 0.3290



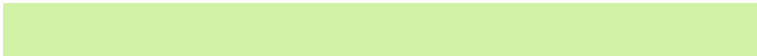
19.5994, 0.3127, 0.3290

Same Dimension

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



44.9541, 0.3323, 0.3966



80.0668, 0.3363, 0.4128



42.6318, 0.3119, 0.4010



10.3027, 0.3199, 0.3520



25.6798, 0.3464, 0.5631



0.9412, 0.3650, 0.5484

Inverse Universe

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



29.0837, 0.2886, 0.2604



46.3949, 0.2821, 0.2436



31.7590, 0.3124, 0.2651



8.9063, 0.3051, 0.3058



3.6134, 0.1920, 0.0831



0.1641, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 44.9521, 0.3323, 0.3966 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 44.9521, 0.3323, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

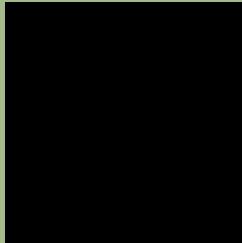
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9521, 0.3323, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 44.9521, 0.3323, 0.3966.



This preview shows how white text looks on a background with the Yxy color 44.9521, 0.3323, 0.3966.

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

44.9521, 0.3323, 0.3966

Protanopia

44.6384, 0.3617, 0.3871

Deuteranopia

44.4588, 0.3744, 0.3667



Tritanopia

44.9747, 0.2968, 0.3106

Trichromacy



Original Color

44.9521, 0.3323, 0.3966

Protanomaly

44.7421, 0.3514, 0.3912

Deuteranomaly

44.1506, 0.3581, 0.3765

Tritanomaly

45.0191, 0.3096, 0.3412

Monochromacy



Original Color

44.9521, 0.3323, 0.3966

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0719, 0.3204, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9521, 0.3323, 0.3966 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, 186, 138)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 138)  
}
```

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, 186, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 138) }
```

Border

The CSS property to change the border of an element to Yxy 44.9521, 0.3323, 0.3966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

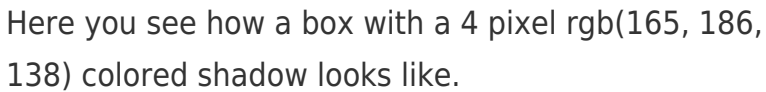
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 186, 138) }
```

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

```
.border{ border-color:rgb(165, 186, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 186, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 186, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 186, 138);  
box-shadow:4px 4px 4px 4px rgb(165, 186,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9521, 0.3323, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 138) }
```

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

```
.background{ background-color: rgb(165,  
186, 138) }
```

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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