

Converting Colors

$Yxy(45.3658, 0.3316, 0.3914)$

Have a look what the booklet for
Yxy(45.3658, 0.3316, 0.3914)
contains.

Yxy(45.2564, 0.3317, 0.3919)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2564, 0.3317, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	A7BA8D
RGB	167, 186, 141
RGB Percent	65%, 73%, 55%
CMY	0.3451, 0.2706, 0.4470
CMYK	0.10, 0.00, 0.24, 0.27
HSL	85°, 25%, 64%
HSV	85°, 24%, 73%
XYZ	38.3045, 45.2564, 31.9185
YIQ	175.1890, 3.1210, -18.0230

Conversions

Conversions Part 2

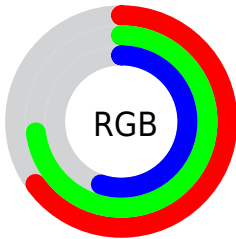
Format	Color
RYB	141, 186, 160
Decimal	10992269
CIELab	73.06, -14.56, 20.69
CIElCh	73, 25.301, 125.125
Yxy	45.2564, 0.3317, 0.3919
Android (android.graphics.Color)	4289182349 (0xFFA7BA8D)
YUV	175.1890, -16.8552, -7.1818
Hunter-Lab	67.2729, -16.0913, 18.9601

Details

The Yxy color **45.2564, 0.3317, 0.3919** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0714, 0.2898, 0.2650**, and the grayscale version is **43.0623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9740, 0.3282, 0.3796**, and **21.1752, 0.3362, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **43.9208, 0.3390, 0.4203**, and if you desaturate by 10%, it is **46.7409, 0.3239, 0.3647**.

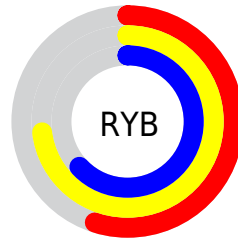
Distribution



Red (65%)

Green (73%)

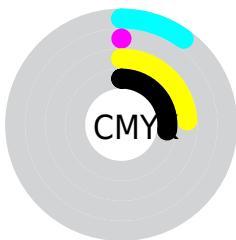
Blue (55%)



Red (55%)

Yellow (73%)

Blue (63%)

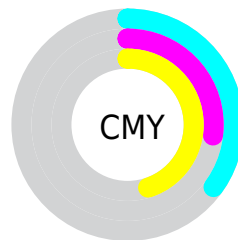


Cyan (10%)

Magenta (0%)

Yellow (24%)

Black (27%)



Cyan (35%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2564, 0.3317, 0.3919 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 45.2564, 0.3317, 0.3919 by changing the saturation by 10% instead.


 45.2564, 0.3317,
0.3919


 45.2564, 0.3317,
0.3919


367.8110, 0.3227,
0.3595

 31.6594, 0.3338,
0.4003


 83.1050, 0.3286,
0.3799

 21.1015, 0.3363,
0.4112


 108.1255, 0.3273,
0.3754

 13.1982, 0.3393,
0.4260


 137.7226, 0.3263,
0.3717

 7.5652, 0.3431,
0.4471

172.2806, 0.3254,
0.3685

 3.8180, 0.3473,
0.4793

212.1841, 0.3246,
0.3658

 1.5723, 0.3777,
0.5756

257.8174, 0.3239,

 0.3388, 0.0000,

0.3634

1.0000

309.5649, 0.3232,
0.3613

0.0000, 0.0000,
0.0000

45.2564, 0.3317,
0.3919

45.2564, 0.3317,
0.3919

43.9208, 0.3390,
0.4203

46.7409, 0.3239,
0.3647

42.7227, 0.3454,
0.4490

48.3735, 0.3160,
0.3391

41.6579, 0.3505,
0.4770


50.1611, 0.3082,
0.3156


40.7200, 0.3538,
0.5029


52.1085, 0.3007,
0.2941

39.9017, 0.3550,
0.5255

54.2201, 0.2935,
0.2746

 39.1950, 0.3538,
0.5435

 56.5000, 0.2867,
0.2572

 38.5899, 0.3504,
0.5563

 57.8640, 0.2909,
0.2561

 38.2743, 0.3478,
0.5621

 59.1328, 0.2968,
0.2574

 60.4601, 0.3027,
0.2586

Harmonies

Analogous

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



45.2564, 0.3634, 0.3891



45.2564, 0.3317, 0.3919



45.2564, 0.2961, 0.3749

Triad

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



45.2564, 0.3317, 0.3919



45.2564, 0.2477, 0.2835



45.2564, 0.3604, 0.3133

Complementary

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



45.2564, 0.3317, 0.3919



30.0714, 0.2898, 0.2650

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.



45.2564, 0.3267, 0.2888



45.2564, 0.3317, 0.3919



45.2564, 0.2625, 0.2714

Square

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



45.2564, 0.3317, 0.3919



45.2564, 0.2489, 0.3092



45.2564, 0.2909, 0.2737



45.2564, 0.3810, 0.3424

Rectangle

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



45.2564, 0.3317, 0.3919



45.2564, 0.2750, 0.3547



45.2564, 0.2909, 0.2737



45.2564, 0.3501, 0.3044

Sweetspot

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



45.2584, 0.3317, 0.3919



86.7831, 0.3183, 0.3464



37.4198, 0.3564, 0.3549



19.0712, 0.3188, 0.3479



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.



45.2584, 0.3317, 0.3919



80.7169, 0.3356, 0.4068



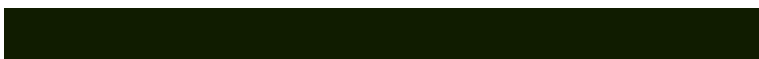
43.0398, 0.3126, 0.3957



10.3094, 0.3201, 0.3520



25.7940, 0.3486, 0.5614



0.9449, 0.3668, 0.5469

Inverse Universe

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



30.0714, 0.2898, 0.2650



48.4384, 0.2837, 0.2495



32.5734, 0.3117, 0.2691



8.8998, 0.3048, 0.3058



3.5318, 0.1894, 0.0817



0.1611, 0.2200, 0.0986

Previews

White Background



This preview shows how the Yxy color 45.2564, 0.3317, 0.3919 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 45.2564, 0.3317, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

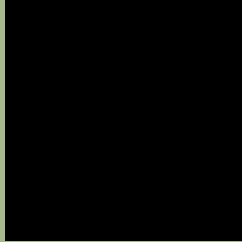
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

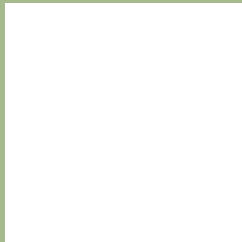
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2564, 0.3317, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 45.2564, 0.3317, 0.3919.



This preview shows how white text looks on a background with the Yxy color 45.2564, 0.3317, 0.3919.

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

45.2564, 0.3317, 0.3919

Protanopia

45.1515, 0.3579, 0.3830

Deuteranopia

44.9286, 0.3712, 0.3642



Tritanopia

45.2044, 0.2984, 0.3106

Trichromacy



Original Color

45.2564, 0.3317, 0.3919

Protanomaly

45.2651, 0.3478, 0.3870

Deuteranomaly

44.7649, 0.3562, 0.3736

Tritanomaly

45.2825, 0.3105, 0.3398

Monochromacy



Original Color

45.2564, 0.3317, 0.3919

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6552, 0.3195, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2564, 0.3317, 0.3919 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(167, 186, 141)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 141)  
}
```

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(167, 186, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 141) }
```

Border

The CSS property to change the border of an element to Yxy 45.2564, 0.3317, 0.3919 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(167, 186, 141) }
```

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

```
.border{ border-color:rgb(167, 186, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 141);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2564, 0.3317, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 141) }
```

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

```
.background{ background-color: rgb(167,  
186, 141) }
```

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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