

Converting Colors

$Yxy(46.3136, 0.3267, 0.3907)$

Have a look what the booklet for
Yxy(46.3136, 0.3267, 0.3907)
contains.

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Color

Yxy(46.4389, 0.3263, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	A5BD91
RGB	165, 189, 145
RGB Percent	65%, 74%, 57%
CMY	0.3530, 0.2588, 0.4312
CMYK	0.13, 0.00, 0.23, 0.26
HSL	93°, 25%, 65%
HSV	93°, 23%, 74%
XYZ	38.8240, 46.4389, 33.7197
YIQ	176.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

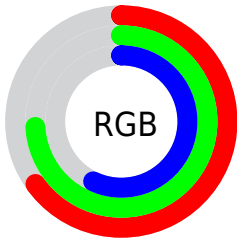
Format	Color
RYB	145, 189, 169
Decimal	10861969
CIELab	73.83, -16.21, 19.57
CIELCh	74, 25.408, 129.641
Yxy	46.4389, 0.3263, 0.3903
Android (android.graphics.Color)	4289052049 (0xFFA5BD91)
YUV	176.8080, -15.6813, -10.3556
Hunter-Lab	68.1461, -17.5611, 18.3647

Details

The Yxy color $46.4389, 0.3263, 0.3903$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $32.3791, 0.2960, 0.2685$, and the grayscale version is $43.9446, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6440, 0.3240, 0.3784$, and $21.9272, 0.3299, 0.4102$ is the 20% darker color. If you saturate the color by 10%, you get $44.8422, 0.3316, 0.4197$, and if you desaturate by 10%, it is $48.2261, 0.3206, 0.3625$.

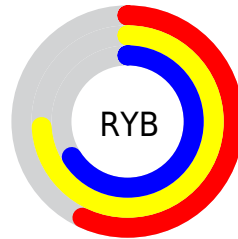
Distribution



Red (65%)

Green (74%)

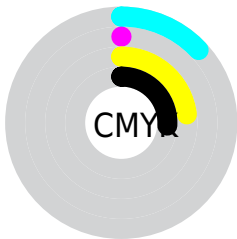
Blue (57%)



Red (57%)

Yellow (74%)

Blue (66%)

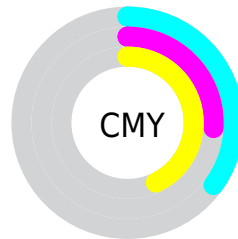


Cyan (13%)

Magenta (0%)

Yellow (23%)

Black (26%)



Cyan (35%)


Magenta (26%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4389, 0.3263, 0.3903 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 46.4389, 0.3263, 0.3903 by changing the saturation by 10% instead.


 46.4389, 0.3263,
0.3903

 46.4389, 0.3263,
0.3903


372.5704, 0.3200,
0.3587

 32.5923, 0.3277,
0.3984


 84.8755, 0.3242,
0.3786

 21.8143, 0.3293,
0.4091


 110.2342, 0.3233,
0.3743

 13.7205, 0.3312,
0.4234

140.1992, 0.3226,
0.3707

 7.9265, 0.3334,
0.4439

175.1547, 0.3219,
0.3676

 4.0480, 0.3355,
0.4753

215.4852, 0.3214,
0.3649

 1.7004, 0.3504,
0.5524

261.5750, 0.3209,

 0.4239, 0.0168,

0.3626

0.9832

313.8086, 0.3204,
0.3606

0.0000, 0.0000,
0.0000

46.4389, 0.3263,
0.3903

46.4389, 0.3263,
0.3903

44.8422, 0.3316,
0.4197

48.2261, 0.3206,
0.3625

43.4230, 0.3360,
0.4500

50.2043, 0.3147,
0.3369

42.1761, 0.3392,
0.4801

52.3817, 0.3088,
0.3135

41.0933, 0.3409,
0.5084

54.7640, 0.3030,
0.2925

40.1661, 0.3406,
0.5335

57.3569, 0.2976,
0.2737

 39.3844, 0.3382,
0.5539


 59.9421, 0.2947,
0.2601

 38.7369, 0.3339,
0.5685

 61.6721, 0.3024,
0.2617

 38.3634, 0.3304,
0.5759

 63.5045, 0.3102,
0.2632

 64.8786, 0.3157,
0.2644

Harmonies

Analogous

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



46.4389, 0.3591, 0.3905



46.4389, 0.3263, 0.3903



46.4389, 0.2911, 0.3706

Triad

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



46.4389, 0.3263, 0.3903



46.4389, 0.2492, 0.2810



46.4389, 0.3643, 0.3176

Complementary

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



46.4389, 0.3263, 0.3903



32.3791, 0.2960, 0.2685

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.



46.4389, 0.3321, 0.2921



46.4389, 0.3263, 0.3903



46.4389, 0.2662, 0.2711

Square

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



46.4389, 0.3263, 0.3903



46.4389, 0.2479, 0.3048



46.4389, 0.2961, 0.2754



46.4389, 0.3822, 0.3468

Rectangle

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



46.4389, 0.3263, 0.3903



46.4389, 0.2710, 0.3495



46.4389, 0.2961, 0.2754



46.4389, 0.3547, 0.3084

Sweetspot

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



46.4409, 0.3263, 0.3903



88.5029, 0.3169, 0.3465



41.0511, 0.3530, 0.3606



18.9862, 0.3173, 0.3480



95.5105, 0.3127, 0.3290



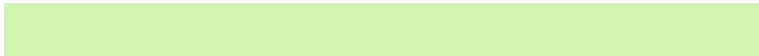
19.5994, 0.3127, 0.3290

Same Dimension

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



46.4409, 0.3263, 0.3903



81.6430, 0.3291, 0.4054



44.5127, 0.3086, 0.3913



10.8558, 0.3183, 0.3522



25.8539, 0.3313, 0.5751



1.0516, 0.3507, 0.5598

Inverse Universe

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



32.3791, 0.2960, 0.2685



51.9850, 0.2914, 0.2539



34.6930, 0.3168, 0.2737



9.4753, 0.3067, 0.3059



4.4698, 0.2128, 0.0946



0.2135, 0.2381, 0.1085

Previews

White Background



This preview shows how the Yxy color 46.4389, 0.3263, 0.3903 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 46.4389, 0.3263, 0.3903 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 46.4389, 0.3263, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 46.4389, 0.3263, 0.3903.



This preview shows how white text looks on a background with the Yxy color 46.4389, 0.3263, 0.3903.

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

46.4389, 0.3263, 0.3903

Protanopia

46.3083, 0.3566, 0.3812

Deuteranopia

46.1119, 0.3688, 0.3614



Tritanopia

46.3714, 0.2939, 0.3094

Trichromacy



Original Color

46.4389, 0.3263, 0.3903

Protanomaly

46.3013, 0.3457, 0.3852

Deuteranomaly

45.8161, 0.3530, 0.3707

Tritanomaly

46.4583, 0.3056, 0.3384

Monochromacy



Original Color

46.4389, 0.3263, 0.3903

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6486, 0.3186, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4389, 0.3263, 0.3903 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, 189, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 145)  
}
```

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, 189, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 145) }
```

Border

The CSS property to change the border of an element to Yxy 46.4389, 0.3263, 0.3903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

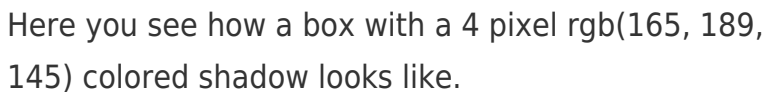
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 189, 145) }
```

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

```
.border{ border-color:rgb(165, 189, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 189, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 189, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 189, 145); box-shadow:4px 4px 4px 4px rgb(165, 189, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4389, 0.3263, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 145) }
```

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

```
.background{ background-color: rgb(165,  
189, 145) }
```

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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