

Converting Colors

$Yxy(43.5617, 0.3144, 0.3512)$

Have a look what the booklet for
Yxy(43.5617, 0.3144, 0.3512)
contains.

Yxy(43.5383, 0.3143, 0.3512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5383, 0.3143, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	A7B4A4
RGB	167, 180, 164
RGB Percent	65%, 71%, 64%
CMY	0.3449, 0.2941, 0.3569
CMYK	0.07, 0.00, 0.09, 0.29
HSL	109°, 10%, 67%
HSV	109°, 9%, 71%
XYZ	38.9638, 43.5383, 41.4680
YIQ	174.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

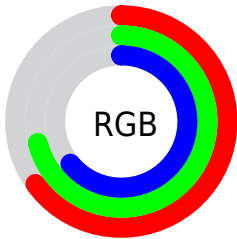
Format	Color
RYB	164, 180, 177
Decimal	10990756
CIELab	71.92, -7.53, 6.61
CIElCh	72, 10.022, 138.708
Yxy	43.5383, 0.3143, 0.3512
Android (android.graphics.Color)	4289180836 (0xFFA7B4A4)
YUV	174.2890, -5.0725, -6.3925
Hunter-Lab	65.9836, -10.0656, 8.9271

Details

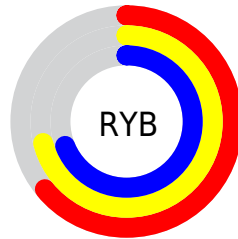
The Yxy color **43.5383, 0.3143, 0.3512** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1844, 0.3109, 0.3074**, and the grayscale version is **42.5149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6350, 0.3139, 0.3471**, and **19.9934, 0.3149, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **41.4360, 0.3159, 0.3789**, and if you desaturate by 10%, it is **45.9153, 0.3125, 0.3264**.

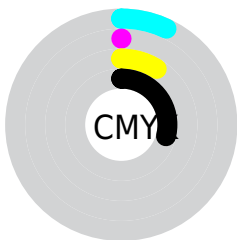
Distribution



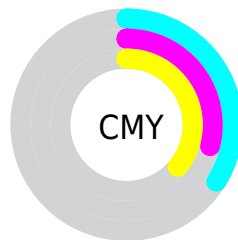
- Red (65%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5383, 0.3143, 0.3512 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 43.5383, 0.3143, 0.3512 by changing the saturation by 10% instead.


 43.5383, 0.3143,
0.3512

 43.5383, 0.3143,
0.3512


360.8209, 0.3136,
0.3398

 30.3077, 0.3145,
0.3541


 80.5225, 0.3141,
0.3470

 20.0723, 0.3147,
0.3580


 105.0450, 0.3140,
0.3454

 12.4476, 0.3149,
0.3632


134.1002, 0.3139,
0.3441

 7.0493, 0.3151,
0.3706

168.0725, 0.3138,
0.3430

 3.4929, 0.3154,
0.3823

207.3463, 0.3137,
0.3421

 1.3942, 0.3155,
0.4029

252.3060, 0.3137,

 0.2124, 0.0785,

0.3412

0.9215

303.3361, 0.3136,
0.3405

0.0000, 0.0000,
0.0000

43.5383, 0.3143,
0.3512

43.5383, 0.3143,
0.3512

41.4360, 0.3159,
0.3789

45.9153, 0.3125,
0.3264

39.5929, 0.3172,
0.4094

48.5706, 0.3106,
0.3045

38.0007, 0.3180,
0.4419

51.5148, 0.3088,
0.2852

36.6483, 0.3182,
0.4755

54.7565, 0.3069,
0.2684

35.5237, 0.3176,
0.5084

58.3036, 0.3052,
0.2538

■ 34.6141, 0.3160,
0.5385

■ 61.0209, 0.3158,
0.2555

■ 33.9051, 0.3135,
0.5638

■ 61.1203, 0.3162,
0.2556

■ 33.3806, 0.3102,
0.5822

■ 33.0177, 0.3067,
0.5938

Harmonies

Analogous

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



43.5383, 0.3282, 0.3542



43.5383, 0.3143, 0.3512



43.5383, 0.3003, 0.3418

Triad

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



43.5383, 0.3143, 0.3512



43.5383, 0.2879, 0.3077



43.5383, 0.3362, 0.3284

Complementary

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



43.5383, 0.3143, 0.3512



39.1844, 0.3109, 0.3074

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.



43.5383, 0.3250, 0.3167



43.5383, 0.3143, 0.3512



43.5383, 0.2971, 0.3048

Square

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



43.5383, 0.3143, 0.3512



43.5383, 0.2852, 0.3164



43.5383, 0.3106, 0.3081



43.5383, 0.3410, 0.3406

Rectangle

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



43.5383, 0.3143, 0.3512



43.5383, 0.2926, 0.3334



43.5383, 0.3106, 0.3081



43.5383, 0.3331, 0.3243

Sweetspot

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



43.5402, 0.3143, 0.3512



81.4069, 0.3133, 0.3364



43.7458, 0.3261, 0.3463



17.5201, 0.3134, 0.3383



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.5402, 0.3143, 0.3512



78.0332, 0.3147, 0.3573



43.3889, 0.3079, 0.3446



9.5654, 0.3144, 0.3523



23.0456, 0.3070, 0.5944



0.7482, 0.3250, 0.5801

Inverse Universe

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



39.1844, 0.3109, 0.3074



68.2462, 0.3104, 0.3017



39.3538, 0.3179, 0.3139



8.5634, 0.3108, 0.3063



6.5754, 0.2738, 0.1282



0.2279, 0.2878, 0.1359

Previews

White Background



This preview shows how the Yxy color 43.5383, 0.3143, 0.3512 looks on a white background.

Color Contrast Check

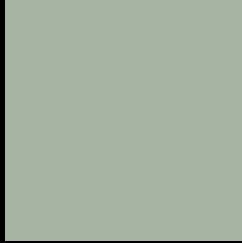
Large Text (above 18pt) WCAG AA × Fail

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 43.5383, 0.3143, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

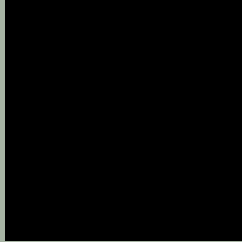
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

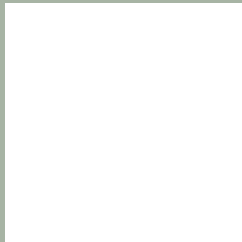
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5383, 0.3143, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 43.5383, 0.3143, 0.3512.



This preview shows how white text looks on a background with the Yxy color 43.5383, 0.3143, 0.3512.

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

43.5383, 0.3143, 0.3512

Protanopia

43.3359, 0.3308, 0.3465

Deuteranopia

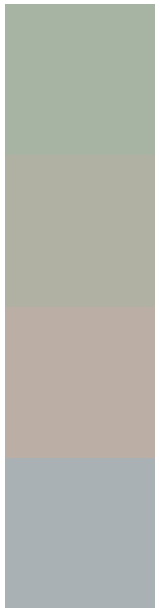
43.3729, 0.3412, 0.3342



Tritanopia

43.4263, 0.2974, 0.3103

Trichromacy



Original Color

43.5383, 0.3143, 0.3512

Protanomaly

43.4357, 0.3242, 0.3480

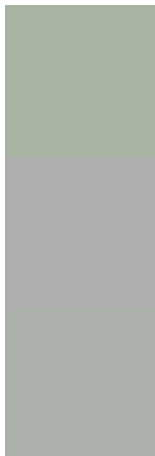
Deuteranomaly

43.4278, 0.3312, 0.3410

Tritanomaly

43.3265, 0.3035, 0.3236

Monochromacy



Original Color

43.5383, 0.3143, 0.3512

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6109, 0.3132, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5383, 0.3143, 0.3512 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 164)  
}
```

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, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.5383, 0.3143, 0.3512 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, 180, 164) }
```

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

```
.border{ border-color:rgb(167, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(167, 180,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5383, 0.3143, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 164) }
```

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

```
.background{ background-color: rgb(167,  
180, 164) }
```

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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