

Converting Colors

$Yxy(46.2944, 0.3196, 0.4141)$

Have a look what the booklet for
Yxy(46.2944, 0.3196, 0.4141)
contains.

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Color

Yxy(46.1571, 0.3196, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	94C186
RGB	148, 193, 134
RGB Percent	58%, 76%, 53%
CMY	0.4198, 0.2431, 0.4745
CMYK	0.23, 0.00, 0.31, 0.24
HSL	106°, 32%, 64%
HSV	106°, 31%, 76%
XYZ	35.5808, 46.1571, 29.5913
YIQ	172.8190, -7.8810, -27.8890

Conversions

Conversions Part 2

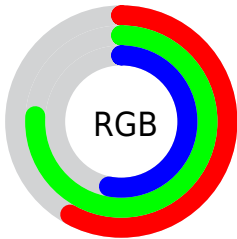
Format	Color
RYB	134, 193, 179
Decimal	9748870
CIELab	73.65, -26.06, 25.02
CIElCh	74, 36.122, 136.168
Yxy	46.1571, 0.3196, 0.4146
Android (android.graphics.Color)	4287938950 (0xFF94C186)
YUV	172.8190, -19.1378, -21.7663
Hunter-Lab	67.9390, -25.4098, 21.7331

Details

The Yxy color **46.1571, 0.3196, 0.4146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4951, 0.3021, 0.2507**, and the grayscale version is **41.7920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6986, 0.3188, 0.3978**, and **21.5921, 0.3197, 0.4408** is the 20% darker color. If you saturate the color by 10%, you get **44.3811, 0.3210, 0.4471**, and if you desaturate by 10%, it is **48.2103, 0.3177, 0.3839**.

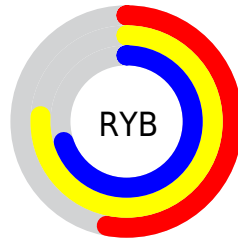
Distribution



Red (58%)

Green (76%)

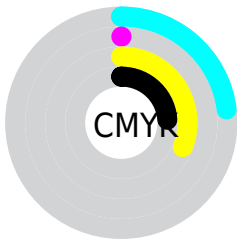
Blue (53%)



Red (53%)

Yellow (76%)

Blue (70%)

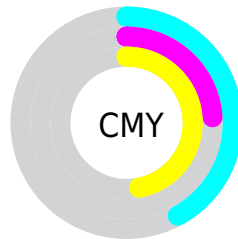


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (42%)


Magenta (24%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1571, 0.3196, 0.4146 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 46.1571, 0.3196, 0.4146 by changing the saturation by 10% instead.

 46.1571, 0.3196,
0.4146

 46.1571, 0.3196,
0.4146


 371.4399, 0.3173,
0.3699


 32.3698, 0.3198,
0.4263


 84.4541, 0.3190,
0.3979

 21.6441, 0.3197,
0.4417


 109.7325, 0.3187,
0.3918


 13.5956, 0.3191,
0.4626


 139.6102, 0.3185,
0.3867

 7.8400, 0.3172,
0.4926

 174.4714, 0.3182,
0.3823

 3.9927, 0.3117,
0.5387

 214.7006, 0.3179,
0.3785

 1.6695, 0.3239,
0.6761

 260.6821, 0.3177,

 0.4038, 0.0000,

0.3753

1.0000

312.8004, 0.3175,
0.3724

0.0000, 0.0000,
0.0000

46.1571, 0.3196,
0.4146

46.1571, 0.3196,
0.4146

44.3811, 0.3210,
0.4471

48.2103, 0.3177,
0.3839

42.8646, 0.3215,
0.4803

50.5459, 0.3154,
0.3557

41.5966, 0.3211,
0.5125


53.1765, 0.3129,
0.3304

40.5631, 0.3194,
0.5415

56.1120, 0.3103,
0.3078

39.7487, 0.3166,
0.5654

59.3620, 0.3077,
0.2879

 39.1359, 0.3129,
0.5825

 62.9354, 0.3053,
0.2705

 38.7177, 0.3090,
0.5928

 65.8979, 0.3127,
0.2677

 66.6254, 0.3156,
0.2683

Harmonies

Analogous

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



46.1571, 0.3680, 0.4191



46.1571, 0.3196, 0.4146



46.1571, 0.2716, 0.3801

Triad

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



46.1571, 0.3196, 0.4146



46.1571, 0.2278, 0.2565



46.1571, 0.3943, 0.3205

Complementary

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



46.1571, 0.3196, 0.4146



30.4951, 0.3021, 0.2507

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.



46.1571, 0.3509, 0.2845



46.1571, 0.3196, 0.4146



46.1571, 0.2550, 0.2484

Square

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



46.1571, 0.3196, 0.4146



46.1571, 0.2212, 0.2845



46.1571, 0.2992, 0.2588



46.1571, 0.4137, 0.3606

Rectangle

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



46.1571, 0.3196, 0.4146



46.1571, 0.2461, 0.3470



46.1571, 0.2992, 0.2588



46.1571, 0.3818, 0.3077

Sweetspot

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



46.1591, 0.3196, 0.4146



91.1554, 0.3150, 0.3519



45.0057, 0.3635, 0.3870



19.4148, 0.3154, 0.3558



97.7402, 0.3127, 0.3290



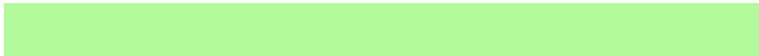
20.4902, 0.3127, 0.3290

Same Dimension

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



46.1591, 0.3196, 0.4146



80.3776, 0.3206, 0.4373



45.3769, 0.2984, 0.3947



11.3712, 0.3151, 0.3525



25.7793, 0.3097, 0.5923



1.1466, 0.3263, 0.5791

Inverse Universe

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



30.4951, 0.3021, 0.2507



47.6584, 0.2989, 0.2321



31.6171, 0.3311, 0.2713



10.1237, 0.3101, 0.3060



6.7474, 0.2623, 0.1219



0.3213, 0.2761, 0.1294

Previews

White Background



This preview shows how the Yxy color 46.1571, 0.3196, 0.4146 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 46.1571, 0.3196, 0.4146 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 46.1571, 0.3196, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 46.1571, 0.3196, 0.4146.



This preview shows how white text looks on a background with the Yxy color 46.1571, 0.3196, 0.4146.

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

46.1571, 0.3196, 0.4146

Protanopia

45.6704, 0.3688, 0.3967

Deuteranopia

45.7192, 0.3801, 0.3723



Tritanopia

46.1924, 0.2818, 0.3103

Trichromacy



Original Color

46.1571, 0.3196, 0.4146

Protanomaly

45.6567, 0.3496, 0.4040

Deuteranomaly

45.2675, 0.3566, 0.3859

Tritanomaly

46.0301, 0.2958, 0.3470

Monochromacy



Original Color

46.1571, 0.3196, 0.4146

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.0382, 0.3156, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1571, 0.3196, 0.4146 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(148, 193, 134)` looks like.

```
.text, #text, p{  
    color:rgb(148, 193, 134)  
}
```

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(148, 193, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 193, 134) }
```

Border

The CSS property to change the border of an element to Yxy 46.1571, 0.3196, 0.4146 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(148, 193, 134) }
```

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

```
.border{ border-color:rgb(148, 193, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 193, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 193, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 193, 134);  
box-shadow:4px 4px 4px 4px rgb(148, 193,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1571, 0.3196, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 193, 134) }
```

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

```
.background{ background-color: rgb(148,  
193, 134) }
```

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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