

Converting Colors

$Yxy(46.2467, 0.3186, 0.3697)$

Have a look what the booklet for
Yxy(46.2467, 0.3186, 0.3697)
contains.

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Color

Yxy(46.2248, 0.3183, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	A7BB9E
RGB	167, 187, 158
RGB Percent	65%, 73%, 62%
CMY	0.3452, 0.2666, 0.3804
CMYK	0.11, 0.00, 0.16, 0.27
HSL	101°, 18%, 68%
HSV	101°, 16%, 73%
XYZ	39.8736, 46.2248, 39.1721
YIQ	177.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

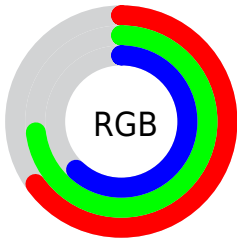
Format	Color
RYB	158, 187, 178
Decimal	10992542
CIELab	73.69, -12.30, 12.40
CIELCh	74, 17.463, 134.780
Yxy	46.2248, 0.3183, 0.3690
Android (android.graphics.Color)	4289182622 (0xFFA7BB9E)
YUV	177.7140, -9.7190, -9.3962
Hunter-Lab	67.9888, -14.2951, 13.4320

Details

The Yxy color **46.2248, 0.3183, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5167, 0.3061, 0.2902**, and the grayscale version is **44.4137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4349, 0.3171, 0.3609**, and **21.7566, 0.3193, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **44.2932, 0.3216, 0.3980**, and if you desaturate by 10%, it is **48.3991, 0.3147, 0.3425**.

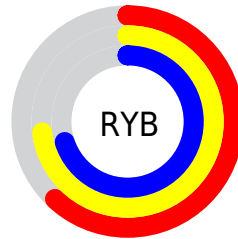
Distribution



Red (65%)

Green (73%)

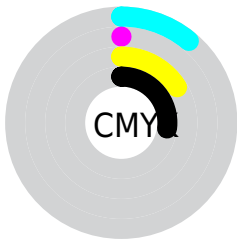
Blue (62%)



Red (62%)

Yellow (73%)

Blue (70%)

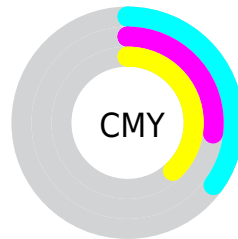


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (35%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2248, 0.3183, 0.3690 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 46.2248, 0.3183, 0.3690 by changing the saturation by 10% instead.


 46.2248, 0.3183,
0.3690


 46.2248, 0.3183,
0.3690

371.7117, 0.3157,
0.3485

 32.4233, 0.3189,
0.3743


 84.5553, 0.3174,
0.3614

 21.6850, 0.3195,
0.3811


 109.8531, 0.3171,
0.3586

 13.6256, 0.3204,
0.3904


139.7517, 0.3168,
0.3563

 7.8607, 0.3213,
0.4037

174.6356, 0.3165,
0.3543

 4.0060, 0.3223,
0.4241

214.8892, 0.3163,
0.3525

 1.6769, 0.3236,
0.4610

260.8968, 0.3161,

 0.4086, 0.1774,

0.3510

0.8226

313.0428, 0.3159,
0.3497

0.0000, 0.0000,
0.0000

46.2248, 0.3183,
0.3690

46.2248, 0.3183,
0.3690

44.2932, 0.3216,
0.3980

48.3991, 0.3147,
0.3425

42.5898, 0.3244,
0.4290

50.8182, 0.3111,
0.3186

41.1075, 0.3264,
0.4611


53.4917, 0.3074,
0.2973


39.8366, 0.3273,
0.4930

56.4270, 0.3039,
0.2785

38.7667, 0.3269,
0.5230


59.6311, 0.3005,
0.2620

 37.8862, 0.3249,
0.5490

 62.0916, 0.3079,
0.2607

 37.1822, 0.3215,
0.5695

 64.0259, 0.3158,
0.2624

 36.6398, 0.3169,
0.5833

 36.4383, 0.3148,
0.5882

Harmonies

Analogous

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



46.2248, 0.3416, 0.3721



46.2248, 0.3183, 0.3690



46.2248, 0.2942, 0.3538

Triad

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



46.2248, 0.3183, 0.3690



46.2248, 0.2696, 0.2939



46.2248, 0.3511, 0.3249

Complementary

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



46.2248, 0.3183, 0.3690



37.5167, 0.3061, 0.2902

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.



46.2248, 0.3305, 0.3059



46.2248, 0.3183, 0.3690



46.2248, 0.2835, 0.2882

Square

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



46.2248, 0.3183, 0.3690



46.2248, 0.2667, 0.3094



46.2248, 0.3056, 0.2927



46.2248, 0.3610, 0.3455

Rectangle

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



46.2248, 0.3183, 0.3690



46.2248, 0.2808, 0.3393



46.2248, 0.3056, 0.2927



46.2248, 0.3451, 0.3182

Sweetspot

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



46.2268, 0.3183, 0.3690



86.8460, 0.3146, 0.3414



44.8077, 0.3374, 0.3553



19.0610, 0.3148, 0.3432



95.5105, 0.3127, 0.3290



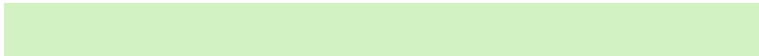
19.5994, 0.3127, 0.3290

Same Dimension

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



46.2268, 0.3183, 0.3690



81.4150, 0.3196, 0.3797



45.4720, 0.3068, 0.3622



10.7887, 0.3161, 0.3524



25.1367, 0.3156, 0.5876



1.0202, 0.3352, 0.5720

Inverse Universe

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



37.5167, 0.3061, 0.2902



62.5056, 0.3042, 0.2802



38.3881, 0.3192, 0.2979



9.5444, 0.3090, 0.3060



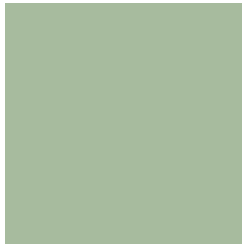
5.7403, 0.2450, 0.1123



0.2579, 0.2638, 0.1227

Previews

White Background



This preview shows how the Yxy color 46.2248, 0.3183, 0.3690 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 46.2248, 0.3183, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

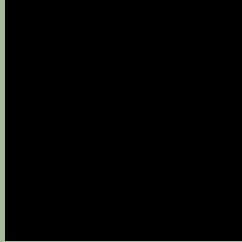
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2248, 0.3183, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 46.2248, 0.3183, 0.3690.



This preview shows how white text looks on a background with the Yxy color 46.2248, 0.3183, 0.3690.

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

46.2248, 0.3183, 0.3690

Protanopia

45.9562, 0.3423, 0.3618

Deuteranopia

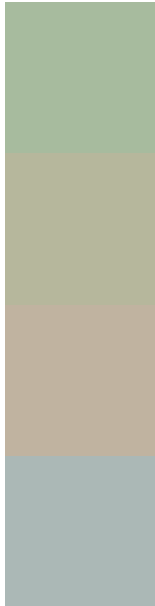
45.9671, 0.3533, 0.3454



Tritanopia

46.3257, 0.2946, 0.3107

Trichromacy



Original Color

46.2248, 0.3183, 0.3690

Protanomaly

46.2124, 0.3336, 0.3651

Deuteranomaly

45.9847, 0.3400, 0.3538

Tritanomaly

46.3163, 0.3034, 0.3316

Monochromacy



Original Color

46.2248, 0.3183, 0.3690

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9867, 0.3147, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2248, 0.3183, 0.3690 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, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(167, 187, 158)  
}
```

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, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 187, 158) }
```

Border

The CSS property to change the border of an element to Yxy 46.2248, 0.3183, 0.3690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

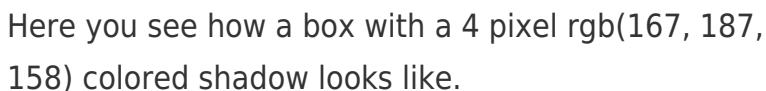
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 187, 158) }
```

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

```
.border{ border-color:rgb(167, 187, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(167, 187,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2248, 0.3183, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 187, 158) }
```

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

```
.background{ background-color: rgb(167,  
187, 158) }
```

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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