

Converting Colors

Yxy(46.5833, 0.3107, 0.3549)

Have a look what the booklet for
Yxy(46.5833, 0.3107, 0.3549)
contains.

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Color

Yxy(46.5833, 0.3107, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	A7BBA8
RGB	167, 187, 168
RGB Percent	65%, 73%, 66%
CMY	0.3449, 0.2667, 0.3411
CMYK	0.11, 0.00, 0.10, 0.27
HSL	123°, 13%, 69%
HSV	123°, 11%, 73%
XYZ	40.7817, 46.5833, 43.8925
YIQ	178.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

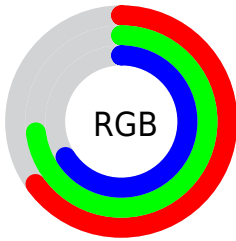
Format	Color
RYB	167, 186, 187
Decimal	10992552
CIELab	73.92, -10.48, 7.30
CIElCh	74, 12.767, 145.149
Yxy	46.5833, 0.3107, 0.3549
Android (android.graphics.Color)	4289182632 (0xFFA7BBA8)
YUV	178.8540, -5.3510, -10.3960
Hunter-Lab	68.2520, -12.7841, 9.6472

Details

The Yxy color **46.5833, 0.3107, 0.3549** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7630, 0.3148, 0.3044**, and the grayscale version is **45.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9585, 0.3111, 0.3501**, and **21.9560, 0.3100, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **44.0747, 0.3087, 0.3825**, and if you desaturate by 10%, it is **49.4812, 0.3126, 0.3305**.

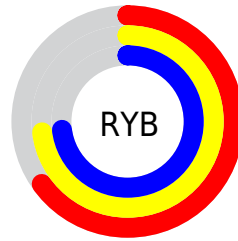
Distribution



Red (65%)

Green (73%)

Blue (66%)



Red (65%)

Yellow (73%)

Blue (73%)

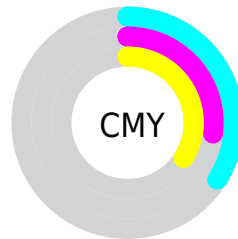


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (34%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5833, 0.3107, 0.3549 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 46.5833, 0.3107, 0.3549 by changing the saturation by 10% instead.


 46.5833, 0.3107,
0.3549


 46.5833, 0.3107,
0.3549


373.1488, 0.3118,
0.3417

 32.7064, 0.3104,
0.3583


 85.0913, 0.3111,
0.3501

 21.9016, 0.3100,
0.3626


 110.4911, 0.3113,
0.3483

 13.7846, 0.3094,
0.3685


140.5007, 0.3114,
0.3467

 7.9710, 0.3084,
0.3769

175.5044, 0.3115,
0.3454

 4.0764, 0.3069,
0.3898

215.8867, 0.3116,
0.3443

 1.7164, 0.3038,
0.4122

262.0319, 0.3117,


 0.4342, 0.2655,


0.3434

0.7345

314.3245, 0.3118,
0.3425


 0.0000, 0.0000,
0.0000

 46.5833, 0.3107,
0.3549


 46.5833, 0.3107,
0.3549


 44.0747, 0.3087,
0.3825

 49.4812, 0.3126,
0.3305


 41.9330, 0.3066,
0.4132


 52.7775, 0.3143,
0.3093


 40.1430, 0.3045,
0.4463

 56.4889, 0.3159,
0.2909

 38.6858, 0.3026,
0.4806

 60.6289, 0.3173,
0.2751

 37.5408, 0.3009,
0.5142

 64.0176, 0.3158,
0.2624

■ 36.6853, 0.2998,
0.5448

■ 36.0933, 0.2991,
0.5698

■ 35.7341, 0.2991,
0.5875

■ 35.5575, 0.2992,
0.5970

Harmonies

Analogous

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



46.5833, 0.3284, 0.3605



46.5833, 0.3107, 0.3549



46.5833, 0.2939, 0.3417

Triad

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



46.5833, 0.3107, 0.3549



46.5833, 0.2837, 0.3010



46.5833, 0.3441, 0.3315

Complementary

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



46.5833, 0.3107, 0.3549



41.7630, 0.3148, 0.3044

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.



46.5833, 0.3315, 0.3166



46.5833, 0.3107, 0.3549



46.5833, 0.2965, 0.2992

Square

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



46.5833, 0.3107, 0.3549



46.5833, 0.2786, 0.3103



46.5833, 0.3140, 0.3049



46.5833, 0.3481, 0.3463

Rectangle

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



46.5833, 0.3107, 0.3549



46.5833, 0.2853, 0.3308



46.5833, 0.3140, 0.3049



46.5833, 0.3407, 0.3264

Sweetspot

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



46.5853, 0.3107, 0.3549



87.3299, 0.3122, 0.3360



48.8094, 0.3278, 0.3549



19.1363, 0.3120, 0.3379



95.5105, 0.3127, 0.3290



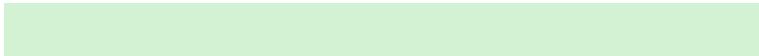
19.5994, 0.3127, 0.3290

Same Dimension

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



46.5853, 0.3107, 0.3549



82.2342, 0.3102, 0.3616



46.9593, 0.3034, 0.3415



10.6569, 0.3110, 0.3515



24.5047, 0.2990, 0.5963



0.9625, 0.2951, 0.5823

Inverse Universe

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



41.7630, 0.3148, 0.3044



71.7238, 0.3153, 0.2984



41.3654, 0.3231, 0.3168



9.6881, 0.3145, 0.3075



9.4949, 0.3333, 0.1610



0.3744, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 46.5833, 0.3107, 0.3549 looks on a white background.

Color Contrast Check

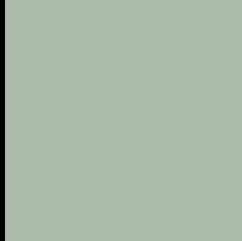
Large Text (above 18pt) WCAG AA × Fail

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 46.5833, 0.3107, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

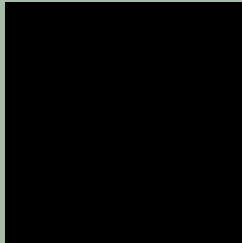
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

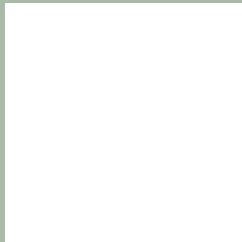
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5833, 0.3107, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 46.5833, 0.3107, 0.3549.



This preview shows how white text looks on a background with the Yxy color 46.5833, 0.3107, 0.3549.

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

46.5833, 0.3107, 0.3549

Protanopia

46.5832, 0.3327, 0.3499

Deuteranopia

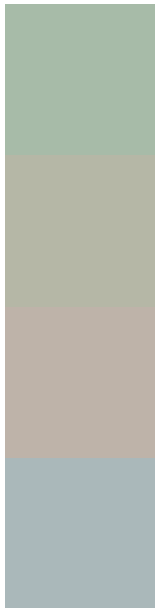
46.2587, 0.3423, 0.3353



Tritanopia

46.6688, 0.2931, 0.3107

Trichromacy



Original Color

46.5833, 0.3107, 0.3549

Protanomaly

46.4439, 0.3246, 0.3516

Deuteranomaly

46.0519, 0.3306, 0.3420

Tritanomaly

46.3722, 0.2996, 0.3263

Monochromacy



Original Color

46.5833, 0.3107, 0.3549

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.6650, 0.3123, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5833, 0.3107, 0.3549 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(167, 187, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 187, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.5833, 0.3107, 0.3549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

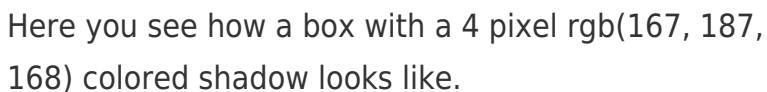
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 187, 168) }
```

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

```
.border{ border-color:rgb(167, 187, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 187, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 187, 168); box-shadow:4px 4px 4px 4px rgb(167, 187, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5833, 0.3107, 0.3549 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, 168) }
```

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

```
.background{ background-color: rgb(167,  
187, 168) }
```

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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