

Converting Colors

$Yxy(47.7756, 0.3086, 0.3534)$

Have a look what the booklet for
Yxy(47.7756, 0.3086, 0.3534)
contains.

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Color

Yxy(47.6603, 0.3091, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	A8BDAB
RGB	168, 189, 171
RGB Percent	66%, 74%, 67%
CMY	0.3412, 0.2588, 0.3293
CMYK	0.11, 0.00, 0.10, 0.26
HSL	129°, 14%, 70%
HSV	129°, 11%, 74%
XYZ	41.6977, 47.6603, 45.5424
YIQ	180.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

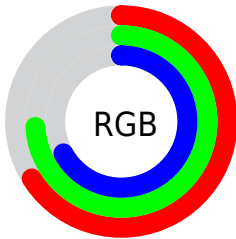
Format	Color
RYB	168, 186, 189
Decimal	11058603
CIELab	74.61, -10.64, 6.65
CIELCh	75, 12.548, 147.980
Yxy	47.6603, 0.3091, 0.3533
Android (android.graphics.Color)	4289248683 (0xFFA8BDAB)
YUV	180.6690, -4.7668, -11.1107
Hunter-Lab	69.0364, -13.0006, 9.2127

Details

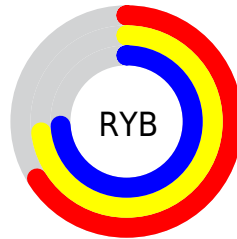
The Yxy color **47.6603, 0.3091, 0.3533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3667, 0.3166, 0.3059**, and the grayscale version is **46.0507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4838, 0.3099, 0.3489**, and **22.6532, 0.3079, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **45.1569, 0.3058, 0.3782**, and if you desaturate by 10%, it is **50.5448, 0.3124, 0.3313**.

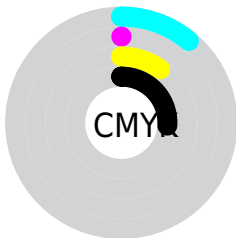
Distribution



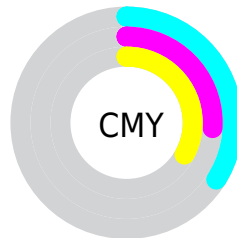
- Red (66%)
- Green (74%)
- Blue (67%)



- Red (66%)
- Yellow (73%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6603, 0.3091, 0.3533 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 47.6603, 0.3091, 0.3533 by changing the saturation by 10% instead.

 47.6603, 0.3091,
0.3533

 47.6603, 0.3091,
0.3533

377.4441, 0.3110,
0.3410

 33.5580, 0.3086,
0.3564


 86.6984, 0.3098,
0.3488

 22.5542, 0.3079,
0.3605


 112.4030, 0.3101,
0.3471

 14.2647, 0.3070,
0.3659

142.7437, 0.3103,
0.3457

 8.3050, 0.3057,
0.3736

178.1050, 0.3105,
0.3445

 4.2907, 0.3035,
0.3854

218.8713, 0.3106,
0.3434

 1.8375, 0.2996,
0.4056

265.4270, 0.3108,

 0.5104, 0.2727,

0.3425

0.6176

318.1564, 0.3109,
0.3417

0.0000, 0.0000,
0.0000

47.6603, 0.3091,
0.3533

47.6603, 0.3091,
0.3533

45.1569, 0.3058,
0.3782

50.5448, 0.3124,
0.3313

43.0127, 0.3026,
0.4058

53.8189, 0.3155,
0.3120

41.2131, 0.2996,
0.4357

57.4988, 0.3184,
0.2953

39.7400, 0.2970,
0.4671

61.5975, 0.3212,
0.2808

38.5735, 0.2952,
0.4986

64.6781, 0.3180,
0.2672

■ 37.6918, 0.2943,
0.5285

■ 64.8767, 0.3157,
0.2644

■ 37.0699, 0.2943,
0.5546

■ 36.6786, 0.2954,
0.5753

■ 36.4771, 0.2968,
0.5883

Harmonies

Analogous

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



47.6603, 0.3265, 0.3595



47.6603, 0.3091, 0.3533



47.6603, 0.2930, 0.3400

Triad

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



47.6603, 0.3091, 0.3533



47.6603, 0.2853, 0.3012



47.6603, 0.3441, 0.3329

Complementary

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



47.6603, 0.3091, 0.3533



42.3667, 0.3166, 0.3059

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.



47.6603, 0.3325, 0.3182



47.6603, 0.3091, 0.3533



47.6603, 0.2984, 0.3002

Square

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



47.6603, 0.3091, 0.3533



47.6603, 0.2795, 0.3096



47.6603, 0.3156, 0.3064



47.6603, 0.3471, 0.3471

Rectangle

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



47.6603, 0.3091, 0.3533



47.6603, 0.2851, 0.3292



47.6603, 0.3156, 0.3064



47.6603, 0.3411, 0.3279

Sweetspot

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



47.6623, 0.3091, 0.3533



89.4704, 0.3117, 0.3353



49.6882, 0.3267, 0.3562



19.1474, 0.3115, 0.3370



95.5105, 0.3127, 0.3290



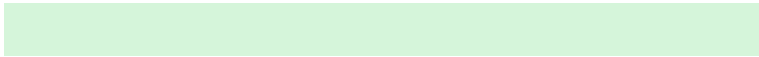
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6623, 0.3091, 0.3533



84.3658, 0.3084, 0.3583



48.0696, 0.3015, 0.3393



10.6715, 0.3097, 0.3492



24.5490, 0.2963, 0.5869



0.9689, 0.2863, 0.5505

Inverse Universe

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



42.3667, 0.3166, 0.3059



73.2566, 0.3173, 0.3014



41.9454, 0.3254, 0.3190



9.6720, 0.3159, 0.3096



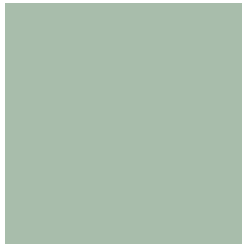
9.0366, 0.3606, 0.1760



0.3605, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 47.6603, 0.3091, 0.3533 looks on a white background.

Color Contrast Check

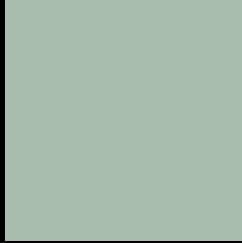
Large Text (above 18pt) WCAG AA × Fail

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 47.6603, 0.3091, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

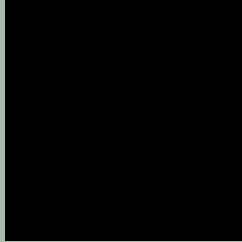
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6603, 0.3091, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 47.6603, 0.3091, 0.3533.



This preview shows how white text looks on a background with the Yxy color 47.6603, 0.3091, 0.3533.

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

47.6603, 0.3091, 0.3533

Protanopia

47.6413, 0.3308, 0.3484

Deuteranopia

47.4405, 0.3411, 0.3340



Tritanopia

47.7523, 0.2918, 0.3096

Trichromacy



Original Color

47.6603, 0.3091, 0.3533

Protanomaly

47.5076, 0.3228, 0.3501

Deuteranomaly

47.2328, 0.3296, 0.3406

Tritanomaly

47.4499, 0.2982, 0.3250

Monochromacy



Original Color

47.6603, 0.3091, 0.3533

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.6854, 0.3114, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6603, 0.3091, 0.3533 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(168, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 171)  
}
```

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(168, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.6603, 0.3091, 0.3533 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(168, 189, 171) }
```

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

```
.border{ border-color:rgb(168, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 171);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6603, 0.3091, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 171) }
```

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

```
.background{ background-color: rgb(168,  
189, 171) }
```

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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