

Converting Colors

$Yxy(62.1857, 0.3083, 0.3904)$

Have a look what the booklet for
Yxy(62.1857, 0.3083, 0.3904)
contains.

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Color

Yxy(62.0383, 0.3085, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	A9DBAB
RGB	169, 219, 171
RGB Percent	66%, 86%, 67%
CMY	0.3371, 0.1412, 0.3295
CMYK	0.23, 0.00, 0.22, 0.14
HSL	122°, 41%, 76%
HSV	122°, 23%, 86%
XYZ	49.0487, 62.0383, 47.9040
YIQ	198.5780, -14.3920, -25.5280

Conversions

Conversions Part 2

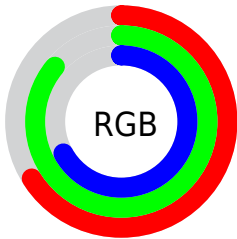
Format	Color
RYB	169, 217, 219
Decimal	11131819
CIELab	82.93, -25.39, 18.46
CIElCh	83, 31.391, 143.975
Yxy	62.0383, 0.3085, 0.3902
Android (android.graphics.Color)	4289321899 (0xFFA9DBAB)
YUV	198.5780, -13.5960, -25.9399
Hunter-Lab	78.7644, -26.6809, 19.0753

Details

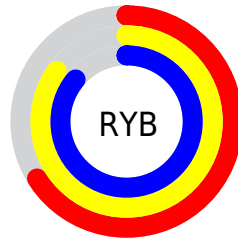
The Yxy color **62.0383, 0.3085, 0.3902** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.4643, 0.3169, 0.2746**, and the grayscale version is **56.9380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0185, 0.3107, 0.3588**, and **31.5958, 0.3064, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **59.0777, 0.3065, 0.4222**, and if you desaturate by 10%, it is **65.5377, 0.3104, 0.3612**.

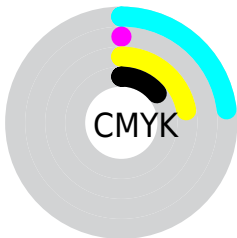
Distribution



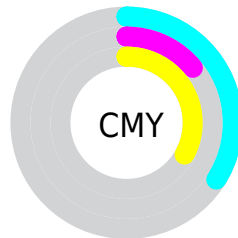
- Red (66%)
- Green (86%)
- Blue (67%)



- Red (66%)
- Yellow (85%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)




- Cyan (34%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0383, 0.3085, 0.3902 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 62.0383, 0.3085, 0.3902 by changing the saturation by 10% instead.


 62.0383, 0.3085,
0.3902

 62.0383, 0.3085,
0.3902

432.0708, 0.3111,
0.3599

 45.0636, 0.3077,
0.3976


 107.7809, 0.3095,
0.3793

 31.5076, 0.3066,
0.4071


137.3176, 0.3099,
0.3752

 20.9856, 0.3051,
0.4196


171.8105, 0.3102,
0.3717

 13.1135, 0.3027,
0.4367

211.6439, 0.3104,
0.3687

 7.5068, 0.2987,
0.4617

257.2022, 0.3106,
0.3660

 3.7810, 0.2911,
0.5010

308.8699, 0.3108,

 1.5518, 0.2894,

0.3638

0.6059

367.0313, 0.3110,
0.3617

0.3248, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.0383, 0.3085,
0.3902

62.0383, 0.3085,
0.3902

59.0777, 0.3065,
0.4222

65.5377, 0.3104,
0.3612

56.6217, 0.3045,
0.4564

69.5925, 0.3122,
0.3356

54.6447, 0.3027,
0.4913

74.2282, 0.3139,
0.3133

53.1152, 0.3011,
0.5248

79.1420, 0.3144,
0.2940

■ 51.9985, 0.3000,
0.5543

■ 51.2542, 0.2994,
0.5773

■ 50.8342, 0.2994,
0.5922

■ 50.6806, 0.2995,
0.5980

Harmonies

Analogous

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



62.0383, 0.3479, 0.4009



62.0383, 0.3085, 0.3902



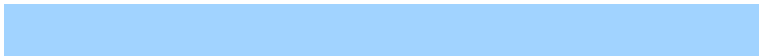
62.0383, 0.2718, 0.3592

Triad

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



62.0383, 0.3085, 0.3902



62.0383, 0.2489, 0.2680



62.0383, 0.3829, 0.3314

Complementary

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



62.0383, 0.3085, 0.3902



48.4643, 0.3169, 0.2746

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.



62.0383, 0.3530, 0.3005



62.0383, 0.3085, 0.3902



62.0383, 0.2751, 0.2650

Square

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



62.0383, 0.3085, 0.3902



62.0383, 0.2389, 0.2871



62.0383, 0.3129, 0.2768



62.0383, 0.3924, 0.3635

Rectangle

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



62.0383, 0.3085, 0.3902



62.0383, 0.2535, 0.3332



62.0383, 0.3129, 0.2768



62.0383, 0.3748, 0.3206

Sweetspot

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



62.0409, 0.3085, 0.3902



95.7140, 0.3115, 0.3461



68.3309, 0.3457, 0.3859



20.4117, 0.3114, 0.3476



0.0000, 0.0000, 0.0000



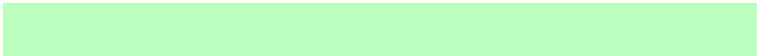
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0409, 0.3085, 0.3902



85.6440, 0.3076, 0.4040



63.0728, 0.2930, 0.3580



14.6144, 0.3111, 0.3522



30.0555, 0.2993, 0.5974



1.9501, 0.2971, 0.5894

Inverse Universe

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



48.4643, 0.3169, 0.2746



63.4906, 0.3178, 0.2639



47.2726, 0.3381, 0.3018



13.2657, 0.3144, 0.3068



11.7085, 0.3308, 0.1596



0.7613, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 62.0383, 0.3085, 0.3902 looks on a white background.

Color Contrast Check

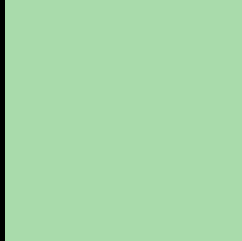
Large Text (above 18pt) WCAG AA × Fail

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 62.0383, 0.3085, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

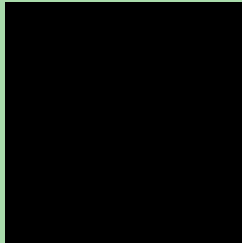
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0383, 0.3085, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 62.0383, 0.3085, 0.3902.

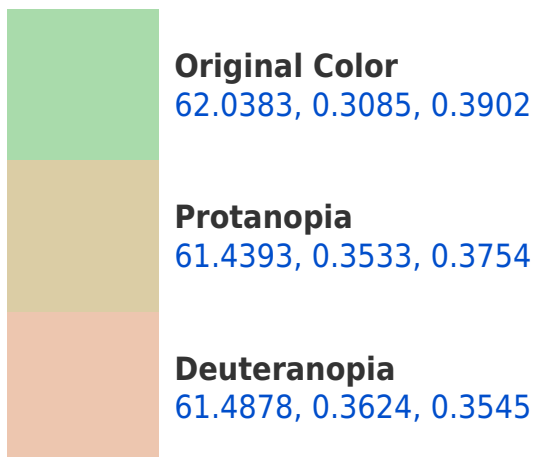


This preview shows how white text looks on a background with the Yxy color 62.0383, 0.3085, 0.3902.

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





Tritanopia

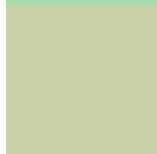
61.7737, 0.2794, 0.3088

Trichromacy



Original Color

62.0383, 0.3085, 0.3902



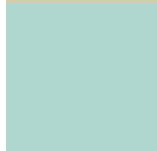
Protanomaly

61.3007, 0.3362, 0.3809



Deuteranomaly

61.1957, 0.3407, 0.3666



Tritanomaly

61.7121, 0.2898, 0.3375

Monochromacy



Original Color

62.0383, 0.3085, 0.3902



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5081, 0.3110, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0383, 0.3085, 0.3902 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(169, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 219, 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(169, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 219, 171) }
```

Border

The CSS property to change the border of an element to Yxy 62.0383, 0.3085, 0.3902 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(169, 219, 171) }
```

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

```
.border{ border-color:rgb(169, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 219, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 219, 171); box-shadow:4px 4px 4px 4px rgb(169, 219, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0383, 0.3085, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 219, 171) }
```

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

```
.background{ background-color: rgb(169,  
219, 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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