

Converting Colors

$Yxy(61.1304, 0.3100, 0.3870)$

Have a look what the booklet for
Yxy(61.1304, 0.3100, 0.3870)
contains.

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Color

Yxy(61.2239, 0.3100, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	ABD9AB
RGB	171, 217, 171
RGB Percent	67%, 85%, 67%
CMY	0.3292, 0.1490, 0.3294
CMYK	0.21, 0.00, 0.21, 0.15
HSL	120°, 38%, 76%
HSV	120°, 21%, 85%
XYZ	48.9665, 61.2239, 47.7660
YIQ	198.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

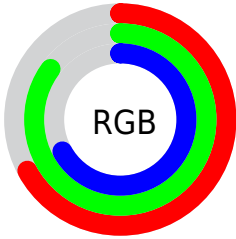
Format	Color
RYB	171, 217, 217
Decimal	11262379
CIELab	82.50, -23.74, 17.86
CIELCh	82, 29.705, 143.045
Yxy	61.2239, 0.3100, 0.3876
Android (android.graphics.Color)	4289452459 (0xFFABD9AB)
YUV	198.0020, -13.3120, -23.6808
Hunter-Lab	78.2457, -25.2239, 18.5777

Details

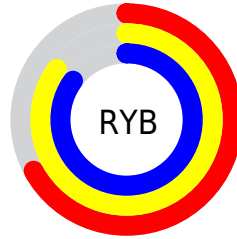
The Yxy color **61.2239, 0.3100, 0.3876** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.8805, 0.3151, 0.2766**, and the grayscale version is **56.5684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3419, 0.3119, 0.3587**, and **31.0241, 0.3083, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **58.2269, 0.3085, 0.4204**, and if you desaturate by 10%, it is **64.7612, 0.3114, 0.3580**.

Distribution



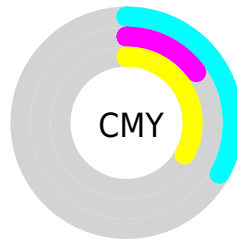
- Red (67%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2239, 0.3100, 0.3876 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 61.2239, 0.3100, 0.3876 by changing the saturation by 10% instead.

■ 61.2239, 0.3100,
0.3876

■ 61.2239, 0.3100,
0.3876

429.0945, 0.3118,
0.3586

■ 44.4059, 0.3094,
0.3947

■ 106.6031, 0.3108,
0.3771

■ 30.9897, 0.3086,
0.4038

135.9330, 0.3110,
0.3732

■ 20.5910, 0.3073,
0.4158

170.2024, 0.3112,
0.3698

■ 12.8254, 0.3054,
0.4323

209.7956, 0.3114,
0.3670

■ 7.3084, 0.3021,
0.4563

255.0970, 0.3115,
0.3645

■ 3.6557, 0.2956,
0.4942

306.4910, 0.3117,

■ 1.4829, 0.2971,

0.3623

0.5987

364.3620, 0.3117,
0.3603

■ 0.2767, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2239, 0.3100,
0.3876

■ 61.2239, 0.3100,
0.3876

■ 58.2269, 0.3085,
0.4204

■ 64.7612, 0.3114,
0.3580

■ 55.7362, 0.3068,
0.4556

■ 68.8553, 0.3126,
0.3319

■ 53.7264, 0.3052,
0.4915

■ 73.5315, 0.3136,
0.3092

■ 52.1664, 0.3035,
0.5259

■ 78.1023, 0.3145,
0.2920

■ 51.0215, 0.3021,
0.5560

■ 50.2523, 0.3010,
0.5791

■ 49.8113, 0.3003,
0.5935

■ 49.6238, 0.3000,
0.6000

Harmonies

Analogous

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



61.2239, 0.3473, 0.3972



61.2239, 0.3100, 0.3876



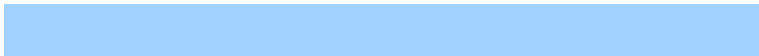
61.2239, 0.2748, 0.3588

Triad

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



61.2239, 0.3100, 0.3876



61.2239, 0.2513, 0.2712



61.2239, 0.3787, 0.3304

Complementary

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



61.2239, 0.3100, 0.3876



48.8805, 0.3151, 0.2766

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.



61.2239, 0.3500, 0.3010



61.2239, 0.3100, 0.3876



61.2239, 0.2760, 0.2678

Square

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



61.2239, 0.3100, 0.3876



61.2239, 0.2423, 0.2900



61.2239, 0.3118, 0.2787



61.2239, 0.3885, 0.3612

Rectangle

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



61.2239, 0.3100, 0.3876



61.2239, 0.2570, 0.3342



61.2239, 0.3118, 0.2787



61.2239, 0.3709, 0.3202

Sweetspot

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



61.2265, 0.3100, 0.3876



96.2690, 0.3120, 0.3441



66.9193, 0.3447, 0.3808



20.5225, 0.3119, 0.3459



0.0000, 0.0000, 0.0000



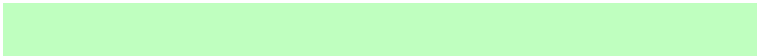
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2265, 0.3100, 0.3876



86.4099, 0.3094, 0.4005



62.1414, 0.2958, 0.3586



14.6069, 0.3116, 0.3532



30.0419, 0.3000, 0.6000



1.9465, 0.3001, 0.5999

Inverse Universe

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



48.8805, 0.3151, 0.2766



65.8384, 0.3156, 0.2666



47.8078, 0.3339, 0.3012



13.2742, 0.3138, 0.3060



11.9423, 0.3207, 0.1540



0.7739, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 61.2239, 0.3100, 0.3876 looks on a white background.

Color Contrast Check

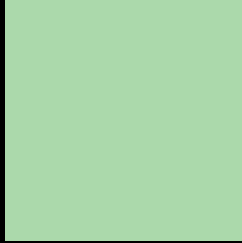
Large Text (above 18pt) WCAG AA × Fail

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 61.2239, 0.3100, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

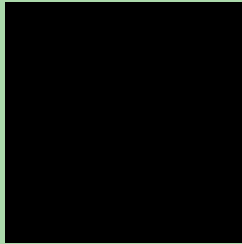
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

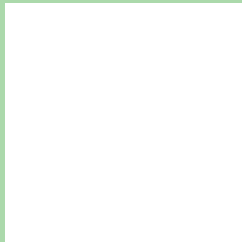
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2239, 0.3100, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 61.2239, 0.3100, 0.3876.

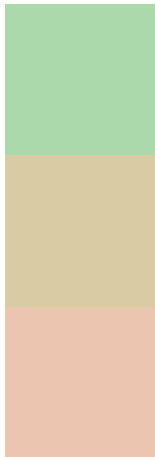


This preview shows how white text looks on a background with the Yxy color 61.2239, 0.3100, 0.3876.

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

61.2239, 0.3100, 0.3876

Protanopia

60.6541, 0.3519, 0.3745

Deuteranopia

60.6898, 0.3610, 0.3535



Tritanopia

61.4079, 0.2818, 0.3100

Trichromacy



Original Color

61.2239, 0.3100, 0.3876

Protanomaly

60.6703, 0.3356, 0.3799

Deuteranomaly

60.2388, 0.3411, 0.3644

Tritanomaly

61.3918, 0.2917, 0.3375

Monochromacy



Original Color

61.2239, 0.3100, 0.3876

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.9848, 0.3117, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2239, 0.3100, 0.3876 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(171, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 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(171, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.2239, 0.3100, 0.3876 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(171, 217, 171) }
```

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

```
.border{ border-color:rgb(171, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2239, 0.3100, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 171) }
```

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

```
.background{ background-color: rgb(171,  
217, 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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