

Converting Colors

$Yxy(63.0264, 0.3006, 0.3902)$

Have a look what the booklet for
Yxy(63.0264, 0.3006, 0.3902)
contains.

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Color

Yxy(62.9148, 0.3005, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	A1DEAF
RGB	161, 222, 175
RGB Percent	63%, 87%, 69%
CMY	0.3684, 0.1294, 0.3138
CMYK	0.27, 0.00, 0.21, 0.13
HSL	134°, 48%, 75%
HSV	134°, 27%, 87%
XYZ	48.5638, 62.9148, 50.1314
YIQ	198.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

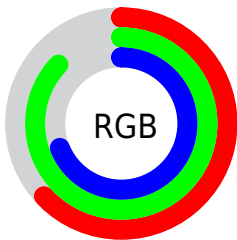
Format	Color
RYB	161, 211, 222
Decimal	10608303
CIELab	83.40, -28.71, 16.94
CIELCh	83, 33.337, 149.460
Yxy	62.9148, 0.3005, 0.3893
Android (android.graphics.Color)	4288798383 (0xFFA1DEAF)
YUV	198.4030, -11.5377, -32.8024
Hunter-Lab	79.3189, -29.5194, 18.0505

Details

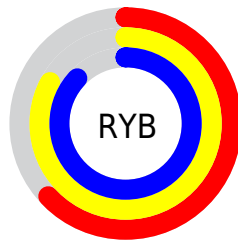
The Yxy color **62.9148, 0.3005, 0.3893** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5959, 0.3279, 0.2755**, and the grayscale version is **56.8184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0412, 0.3030, 0.3539**, and **32.2307, 0.2971, 0.4073** is the 20% darker color. If you saturate the color by 10%, you get **60.1804, 0.2965, 0.4158**, and if you desaturate by 10%, it is **66.1494, 0.3049, 0.3651**.

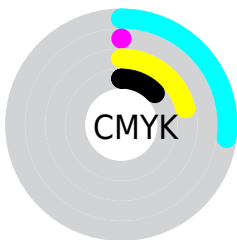
Distribution



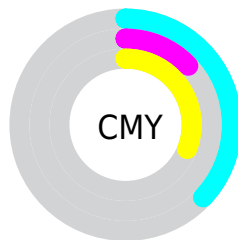
- Red (63%)
- Green (87%)
- Blue (69%)



- Red (63%)
- Yellow (83%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)




- Cyan (37%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9148, 0.3005, 0.3893 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 62.9148, 0.3005, 0.3893 by changing the saturation by 10% instead.

 62.9148, 0.3005,
0.3893


 62.9148, 0.3005,
0.3893


435.2602, 0.3069,
0.3595

 45.7723, 0.2988,
0.3966


 109.0466, 0.3029,
0.3786

 32.0662, 0.2967,
0.4060


 138.8046, 0.3038,
0.3745

 21.4120, 0.2937,
0.4182


173.5367, 0.3045,
0.3710

 13.4255, 0.2895,
0.4351

213.6271, 0.3051,
0.3681

 7.7222, 0.2829,
0.4597

259.4602, 0.3057,
0.3655

 3.9177, 0.2719,
0.4986


311.4205, 0.3061,


 1.6276, 0.2562,


0.3633


0.5882


369.8924, 0.3065,
0.3613


 0.3761, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 62.9148, 0.3005,
0.3893


 62.9148, 0.3005,
0.3893


 60.1804, 0.2965,
0.4158


 66.1494, 0.3049,
0.3651


 57.9133, 0.2930,
0.4442

 69.8992, 0.3094,
0.3435

 56.0892, 0.2904,
0.4736

 74.1886, 0.3138,
0.3244

 54.6782, 0.2890,
0.5027

 79.0378, 0.3182,
0.3076

■ 53.6468, 0.2890,
0.5299

■ 80.7200, 0.3142,
0.2970

■ 52.9557, 0.2903,
0.5536

■ 52.5533, 0.2929,
0.5725

■ 52.4767, 0.2935,
0.5766

Harmonies

Analogous

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



62.9148, 0.3424, 0.4049



62.9148, 0.3005, 0.3893



62.9148, 0.2636, 0.3536

Triad

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



62.9148, 0.3005, 0.3893



62.9148, 0.2493, 0.2629



62.9148, 0.3906, 0.3376

Complementary

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



62.9148, 0.3005, 0.3893



45.5959, 0.3279, 0.2755

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.



62.9148, 0.3623, 0.3044



62.9148, 0.3005, 0.3893



62.9148, 0.2796, 0.2628

Square

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



62.9148, 0.3005, 0.3893



62.9148, 0.2356, 0.2797



62.9148, 0.3208, 0.2778



62.9148, 0.3961, 0.3709

Rectangle

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



62.9148, 0.3005, 0.3893



62.9148, 0.2463, 0.3256



62.9148, 0.3208, 0.2778



62.9148, 0.3834, 0.3262

Sweetspot

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



62.9174, 0.3005, 0.3893



95.3616, 0.3091, 0.3447



68.3402, 0.3439, 0.3997



20.2362, 0.3084, 0.3479



0.0000, 0.0000, 0.0000



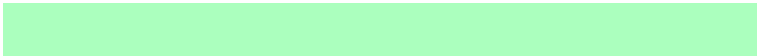
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9174, 0.3005, 0.3893



83.8823, 0.2981, 0.4044



64.2177, 0.2827, 0.3504



15.3883, 0.3085, 0.3476



31.1857, 0.2929, 0.5744



2.1752, 0.2848, 0.5451

Inverse Universe

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



45.5959, 0.3279, 0.2755



56.3720, 0.3319, 0.2639



44.2658, 0.3554, 0.3088



13.8792, 0.3173, 0.3111



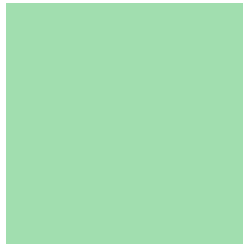
10.9945, 0.3885, 0.1914



0.7753, 0.3759, 0.1845

Previews

White Background



This preview shows how the Yxy color 62.9148, 0.3005, 0.3893 looks on a white background.

Color Contrast Check

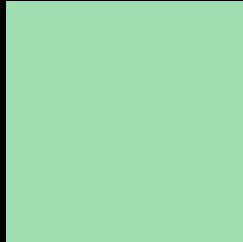
Large Text (above 18pt) WCAG AA × Fail

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 62.9148, 0.3005, 0.3893 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 62.9148, 0.3005, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 62.9148, 0.3005, 0.3893.

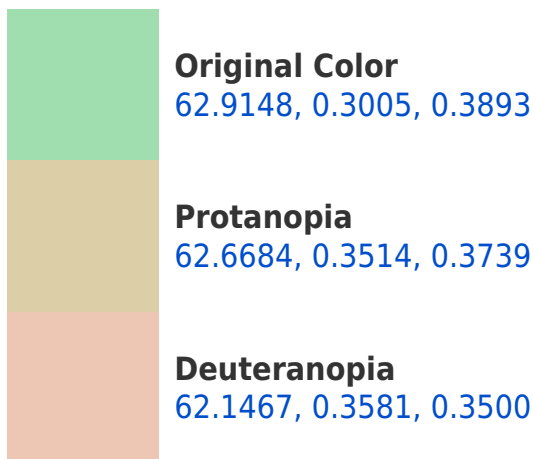


This preview shows how white text looks on a background with the Yxy color 62.9148, 0.3005, 0.3893.

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

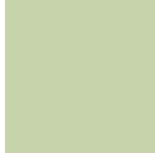
62.6333, 0.2735, 0.3087

Trichromacy



Original Color

62.9148, 0.3005, 0.3893



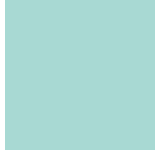
Protanomaly

62.1694, 0.3314, 0.3784



Deuteranomaly

61.3953, 0.3351, 0.3632



Tritanomaly

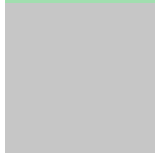
62.6537, 0.2830, 0.3363

Monochromacy



Original Color

62.9148, 0.3005, 0.3893



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.6576, 0.3080, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9148, 0.3005, 0.3893 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(161, 222, 175)` looks like.

```
.text, #text, p{  
    color:rgb(161, 222, 175)  
}
```

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(161, 222, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 222, 175) }
```

Border

The CSS property to change the border of an element to Yxy 62.9148, 0.3005, 0.3893 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(161, 222, 175) }
```

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

```
.border{ border-color:rgb(161, 222, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 222, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 222, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 222, 175);  
box-shadow:4px 4px 4px 4px rgb(161, 222,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9148, 0.3005, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 222, 175) }
```

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

```
.background{ background-color: rgb(161,  
222, 175) }
```

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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