

Converting Colors

$Yxy(63.6170, 0.3099, 0.3893)$

Have a look what the booklet for
Yxy(63.6170, 0.3099, 0.3893)
contains.

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Color

Yxy(63.6143, 0.3099, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	ADDDAD
RGB	173, 221, 173
RGB Percent	68%, 87%, 68%
CMY	0.3214, 0.1333, 0.3215
CMYK	0.22, 0.00, 0.22, 0.13
HSL	120°, 41%, 77%
HSV	120°, 22%, 87%
XYZ	50.6398, 63.6143, 49.1528
YIQ	201.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

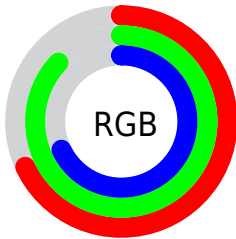
Format	Color
RYB	173, 221, 221
Decimal	11394477
CIELab	83.76, -24.68, 18.58
CIElCh	84, 30.893, 143.018
Yxy	63.6143, 0.3099, 0.3893
Android (android.graphics.Color)	4289584557 (0xFFADDDAD)
YUV	201.1760, -13.8908, -24.7104
Hunter-Lab	79.7586, -26.2454, 19.2924

Details

The Yxy color **63.6143, 0.3099, 0.3893** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.4827, 0.3152, 0.2753**, and the grayscale version is **58.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8352, 0.3115, 0.3555**, and **32.6216, 0.3091, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **60.5166, 0.3084, 0.4223**, and if you desaturate by 10%, it is **67.2753, 0.3113, 0.3595**.

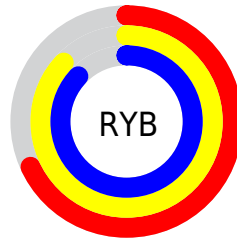
Distribution



Red (68%)

Green (87%)

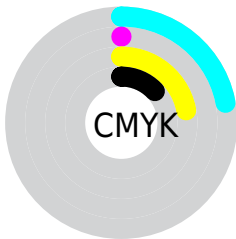
Blue (68%)



Red (68%)

Yellow (87%)

Blue (87%)

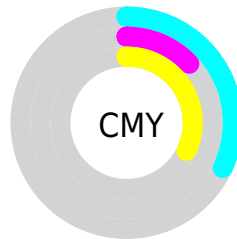


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (32%)


Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6143, 0.3099, 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 63.6143, 0.3099, 0.3893 by changing the saturation by 10% instead.


 63.6143, 0.3099,
0.3893

 63.6143, 0.3099,
0.3893


437.7955, 0.3118,
0.3596

 46.3384, 0.3093,
0.3965

 110.0553, 0.3107,
0.3786

 32.5129, 0.3084,
0.4058


139.9891, 0.3110,
0.3746

 21.7536, 0.3072,
0.4178


174.9110, 0.3112,
0.3712

 13.6759, 0.3052,
0.4344

215.2054, 0.3114,
0.3682

 7.8956, 0.3019,
0.4582

261.2566, 0.3115,
0.3656

 4.0282, 0.2955,
0.4956

313.4491, 0.3116,

 1.6894, 0.2922,

0.3634

372.1673, 0.3117,
0.3614

0.5835

0.4168, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.6143, 0.3099,
0.3893

63.6143, 0.3099,
0.3893

60.5166, 0.3084,
0.4223

67.2753, 0.3113,
0.3595

57.9467, 0.3067,
0.4576

71.5170, 0.3125,
0.3332

55.8776, 0.3050,
0.4936

76.3661, 0.3136,
0.3103

54.2767, 0.3034,
0.5279

80.1909, 0.3143,
0.2960

■ 53.1074, 0.3020,
0.5576

■ 52.3279, 0.3009,
0.5802

■ 51.8881, 0.3003,
0.5941

■ 51.7114, 0.3000,
0.6000

Harmonies

Analogous

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



63.6143, 0.3482, 0.3991



63.6143, 0.3099, 0.3893



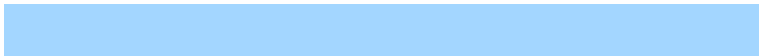
63.6143, 0.2738, 0.3597

Triad

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



63.6143, 0.3099, 0.3893



63.6143, 0.2497, 0.2698



63.6143, 0.3805, 0.3304

Complementary

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



63.6143, 0.3099, 0.3893



50.4827, 0.3152, 0.2753

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.



63.6143, 0.3509, 0.3003



63.6143, 0.3099, 0.3893



63.6143, 0.2750, 0.2663

Square

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



63.6143, 0.3099, 0.3893



63.6143, 0.2406, 0.2890



63.6143, 0.3117, 0.2774



63.6143, 0.3905, 0.3619

Rectangle

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



63.6143, 0.3099, 0.3893



63.6143, 0.2556, 0.3343



63.6143, 0.3117, 0.2774



63.6143, 0.3724, 0.3199

Sweetspot

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



63.6170, 0.3099, 0.3893



95.6748, 0.3119, 0.3468



69.6789, 0.3455, 0.3821



20.4026, 0.3118, 0.3484



0.0000, 0.0000, 0.0000



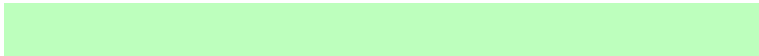
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6170, 0.3099, 0.3893



85.9649, 0.3092, 0.4038



64.5920, 0.2954, 0.3595



14.6065, 0.3116, 0.3532



30.0412, 0.3000, 0.6000



1.9463, 0.3000, 0.6000

Inverse Universe

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



50.4827, 0.3152, 0.2753



64.7414, 0.3157, 0.2641



49.3336, 0.3346, 0.3004



13.2746, 0.3138, 0.3060



11.9548, 0.3208, 0.1541



0.7746, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 63.6143, 0.3099, 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 63.6143, 0.3099, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

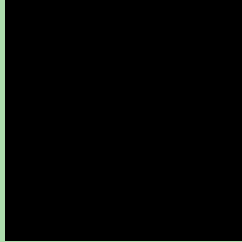
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6143, 0.3099, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 63.6143, 0.3099, 0.3893.

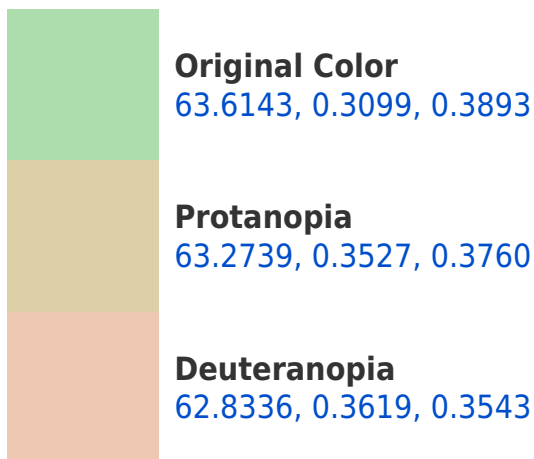


This preview shows how white text looks on a background with the Yxy color 63.6143, 0.3099, 0.3893.

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

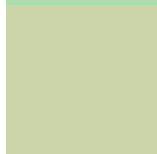
63.3690, 0.2810, 0.3091

Trichromacy



Original Color

63.6143, 0.3099, 0.3893



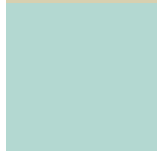
Protanomaly

63.2904, 0.3366, 0.3814



Deuteranomaly

62.6934, 0.3412, 0.3662



Tritanomaly

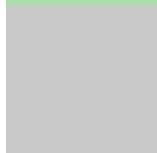
63.2989, 0.2913, 0.3374

Monochromacy



Original Color

63.6143, 0.3099, 0.3893



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

59.9497, 0.3117, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6143, 0.3099, 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(173, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 221, 173)  
}
```

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(173, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 221, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.6143, 0.3099, 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(173, 221, 173) }
```

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

```
.border{ border-color:rgb(173, 221, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 221, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 221, 173); box-shadow:4px 4px 4px 4px rgb(173, 221, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6143, 0.3099, 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(173, 221, 173) }
```

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

```
.background{ background-color: rgb(173,  
221, 173) }
```

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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