

Converting Colors

$Yxy(62.2739, 0.3115, 0.3857)$

Have a look what the booklet for
Yxy(62.2739, 0.3115, 0.3857)
contains.

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Color

Yxy(62.2739, 0.3115, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	AFDAAD
RGB	175, 218, 173
RGB Percent	69%, 85%, 68%
CMY	0.3137, 0.1451, 0.3217
CMYK	0.20, 0.00, 0.21, 0.15
HSL	117°, 38%, 77%
HSV	117°, 21%, 85%
XYZ	50.2938, 62.2739, 48.8891
YIQ	200.0130, -11.1830, -23.1110

Conversions

Conversions Part 2

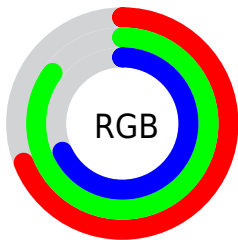
Format	Color
RYB	173, 218, 216
Decimal	11524781
CIELab	83.06, -22.56, 17.64
CIElCh	83, 28.640, 141.976
Yxy	62.2739, 0.3115, 0.3857
Android (android.graphics.Color)	4289714861 (0xFFAFDAAD)
YUV	200.0130, -13.3174, -21.9364
Hunter-Lab	78.9138, -24.3365, 18.5080

Details

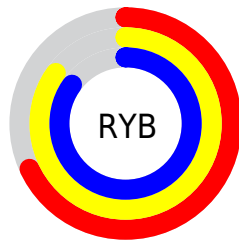
The Yxy color **62.2739, 0.3115, 0.3857** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.5309, 0.3134, 0.2777**, and the grayscale version is **57.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1661, 0.3127, 0.3554**, and **31.7124, 0.3103, 0.4004** is the 20% darker color. If you saturate the color by 10%, you get **59.2749, 0.3106, 0.4181**, and if you desaturate by 10%, it is **65.7870, 0.3122, 0.3565**.

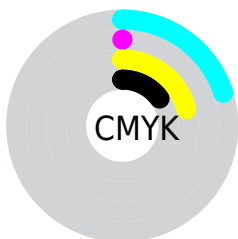
Distribution



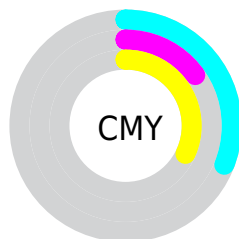
- Red (69%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)




- Cyan (31%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2739, 0.3115, 0.3857 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 62.2739, 0.3115, 0.3857 by changing the saturation by 10% instead.


 62.2739, 0.3115,
0.3857

 62.2739, 0.3115,
0.3857


432.9295, 0.3126,
0.3578

 45.2541, 0.3111,
0.3925


 108.1213, 0.3120,
0.3756

 31.6576, 0.3105,
0.4012

137.7176, 0.3121,
0.3718

 21.1001, 0.3096,
0.4127


172.2749, 0.3123,
0.3686

 13.1972, 0.3082,
0.4283

212.1776, 0.3124,
0.3658

 7.5645, 0.3056,
0.4510

257.8099, 0.3124,
0.3634

 3.8176, 0.3004,
0.4866

309.5565, 0.3125,

 1.5720, 0.3009,

0.3613

0.5746

367.8015, 0.3125,
0.3594

0.3386, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.2739, 0.3115,
0.3857

62.2739, 0.3115,
0.3857

59.2749, 0.3106,
0.4181

65.7870, 0.3122,
0.3565

56.7584, 0.3095,
0.4528

69.8283, 0.3127,
0.3306

54.7015, 0.3081,
0.4883

74.4211, 0.3130,
0.3080

53.0766, 0.3065,
0.5226

78.6245, 0.3144,
0.2930

■ 51.8527, 0.3049,
0.5528

■ 50.9951, 0.3032,
0.5766

■ 50.4627, 0.3017,
0.5920

■ 50.2085, 0.3008,
0.5994

Harmonies

Analogous

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



62.2739, 0.3472, 0.3943



62.2739, 0.3115, 0.3857



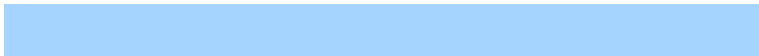
62.2739, 0.2774, 0.3587

Triad

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



62.2739, 0.3115, 0.3857



62.2739, 0.2531, 0.2739



62.2739, 0.3753, 0.3294

Complementary

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



62.2739, 0.3115, 0.3857



49.5309, 0.3134, 0.2777

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.



62.2739, 0.3472, 0.3012



62.2739, 0.3115, 0.3857



62.2739, 0.2764, 0.2700

Square

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



62.2739, 0.3115, 0.3857



62.2739, 0.2451, 0.2926



62.2739, 0.3106, 0.2800



62.2739, 0.3854, 0.3591

Rectangle

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



62.2739, 0.3115, 0.3857



62.2739, 0.2600, 0.3354



62.2739, 0.3106, 0.2800



62.2739, 0.3675, 0.3196

Sweetspot

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



62.2766, 0.3115, 0.3857



96.3879, 0.3124, 0.3441



66.9066, 0.3442, 0.3778



20.5505, 0.3124, 0.3458



0.0000, 0.0000, 0.0000



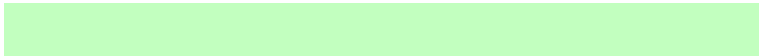
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2766, 0.3115, 0.3857



86.7813, 0.3111, 0.4001



62.8863, 0.2972, 0.3597



14.6343, 0.3123, 0.3531



30.0916, 0.3010, 0.5992



1.9596, 0.3042, 0.5966

Inverse Universe

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



49.5309, 0.3134, 0.2777



65.3056, 0.3135, 0.2661



48.8474, 0.3320, 0.3002



13.2431, 0.3131, 0.3059



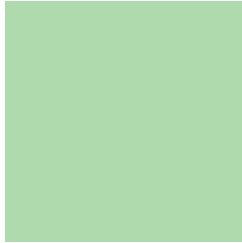
11.0881, 0.3096, 0.1479



0.7278, 0.3116, 0.1490

Previews

White Background



This preview shows how the Yxy color 62.2739, 0.3115, 0.3857 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 62.2739, 0.3115, 0.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

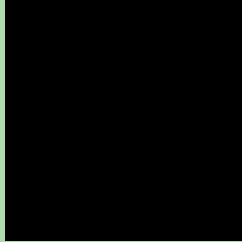
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

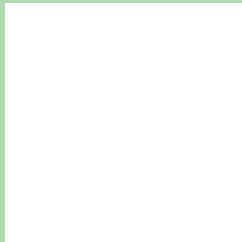
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2739, 0.3115, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 62.2739, 0.3115, 0.3857.

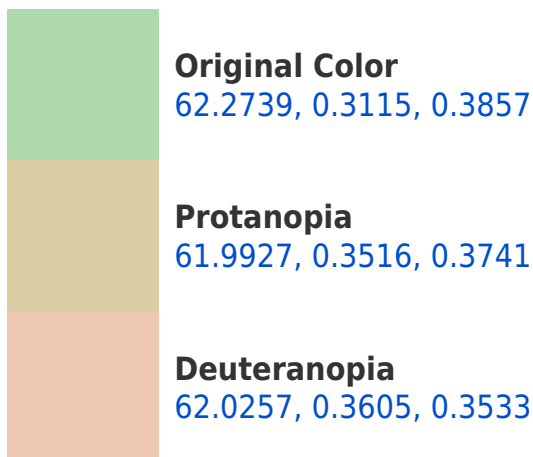


This preview shows how white text looks on a background with the Yxy color 62.2739, 0.3115, 0.3857.

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

62.3249, 0.2833, 0.3101

Trichromacy



Original Color

62.2739, 0.3115, 0.3857

Protanomaly

61.6543, 0.3363, 0.3782

Deuteranomaly

61.5733, 0.3408, 0.3641

Tritanomaly

62.4219, 0.2939, 0.3374

Monochromacy



Original Color

62.2739, 0.3115, 0.3857

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.4197, 0.3125, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2739, 0.3115, 0.3857 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(175, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 218, 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(175, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 218, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.2739, 0.3115, 0.3857 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(175, 218, 173) }
```

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

```
.border{ border-color:rgb(175, 218, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 218,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2739, 0.3115, 0.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 218, 173) }
```

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

```
.background{ background-color: rgb(175,  
218, 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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