

Converting Colors

$Yxy(62.8113, 0.3107, 0.3871)$

Have a look what the booklet for
Yxy(62.8113, 0.3107, 0.3871)
contains.

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Color

Yxy(62.6788, 0.3107, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	AEDBAD
RGB	174, 219, 173
RGB Percent	68%, 86%, 68%
CMY	0.3176, 0.1412, 0.3215
CMYK	0.21, 0.00, 0.21, 0.14
HSL	119°, 39%, 77%
HSV	119°, 21%, 86%
XYZ	50.3342, 62.6788, 48.9896
YIQ	200.3010, -12.0540, -23.8460

Conversions

Conversions Part 2

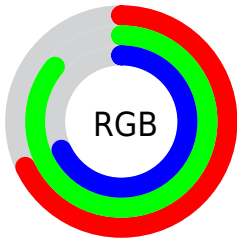
Format	Color
RYB	173, 219, 218
Decimal	11459501
CIELab	83.27, -23.38, 17.91
CIELCh	83, 29.447, 142.548
Yxy	62.6788, 0.3107, 0.3869
Android (android.graphics.Color)	4289649581 (0xFFAEDBAD)
YUV	200.3010, -13.4594, -23.0660
Hunter-Lab	79.1699, -25.0617, 18.7309

Details

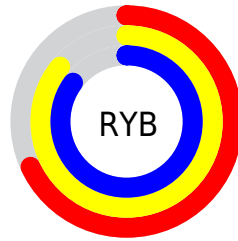
The Yxy color **62.6788, 0.3107, 0.3869** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.9147, 0.3143, 0.2770**, and the grayscale version is **58.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0001, 0.3121, 0.3554**, and **31.9963, 0.3093, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **59.6339, 0.3095, 0.4195**, and if you desaturate by 10%, it is **66.2604, 0.3118, 0.3574**.

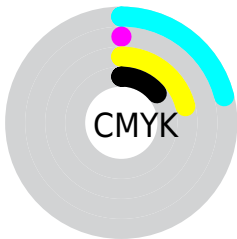
Distribution



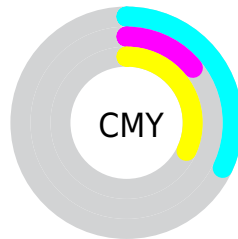
- Red (68%)
- Green (86%)
- Blue (68%)



- Red (68%)
- Yellow (86%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)





- Cyan (32%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6788, 0.3107, 0.3869 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 62.6788, 0.3107, 0.3869 by changing the saturation by 10% instead.


 62.6788, 0.3107,
0.3869

 62.6788, 0.3107,
0.3869


434.4028, 0.3122,
0.3584

 45.5814, 0.3102,
0.3939


 108.7060, 0.3113,
0.3766

 31.9156, 0.3095,
0.4028


138.4046, 0.3115,
0.3728

 21.2971, 0.3084,
0.4144


173.0723, 0.3117,
0.3695

 13.3413, 0.3067,
0.4304


213.0937, 0.3118,
0.3666

 7.6640, 0.3038,
0.4535

258.8530, 0.3120,
0.3642

 3.8807, 0.2980,
0.4897

310.7347, 0.3120,

 1.6071, 0.2970,

0.3620

0.5779

369.1232, 0.3121,
0.3601

0.3624, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6788, 0.3107,
0.3869

62.6788, 0.3107,
0.3869

59.6339, 0.3095,
0.4195

66.2604, 0.3118,
0.3574

57.0925, 0.3080,
0.4545

70.3945, 0.3126,
0.3314

55.0298, 0.3065,
0.4903

75.1057, 0.3134,
0.3088

53.4158, 0.3049,
0.5246

79.1427, 0.3144,
0.2940

■ 52.2172, 0.3033,
0.5548

■ 51.3959, 0.3020,
0.5781

■ 50.9071, 0.3009,
0.5930

■ 50.6934, 0.3004,
0.5997

Harmonies

Analogous

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



62.6788, 0.3474, 0.3960



62.6788, 0.3107, 0.3869



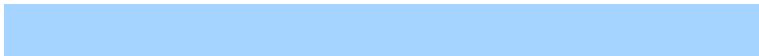
62.6788, 0.2759, 0.3589

Triad

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



62.6788, 0.3107, 0.3869



62.6788, 0.2520, 0.2723



62.6788, 0.3773, 0.3300

Complementary

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



62.6788, 0.3107, 0.3869



49.9147, 0.3143, 0.2770

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.



62.6788, 0.3488, 0.3010



62.6788, 0.3107, 0.3869



62.6788, 0.2761, 0.2686

Square

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



62.6788, 0.3107, 0.3869



62.6788, 0.2434, 0.2911



62.6788, 0.3112, 0.2791



62.6788, 0.3872, 0.3603

Rectangle

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



62.6788, 0.3107, 0.3869



62.6788, 0.2583, 0.3348



62.6788, 0.3112, 0.2791



62.6788, 0.3695, 0.3199

Sweetspot

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



62.6815, 0.3107, 0.3869



96.3244, 0.3122, 0.3441



67.9446, 0.3446, 0.3795



20.5355, 0.3122, 0.3459



0.0000, 0.0000, 0.0000



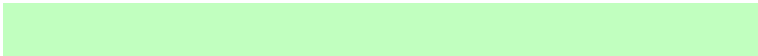
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6815, 0.3107, 0.3869



86.5822, 0.3102, 0.4003



63.4657, 0.2964, 0.3593



14.6196, 0.3119, 0.3531



30.0651, 0.3005, 0.5996



1.9526, 0.3020, 0.5984

Inverse Universe

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



49.9147, 0.3143, 0.2770



65.5890, 0.3146, 0.2664



49.0108, 0.3330, 0.3006



13.2597, 0.3134, 0.3059



11.5378, 0.3155, 0.1512



0.7522, 0.3165, 0.1517

Previews

White Background



This preview shows how the Yxy color 62.6788, 0.3107, 0.3869 looks on a white background.

Color Contrast Check

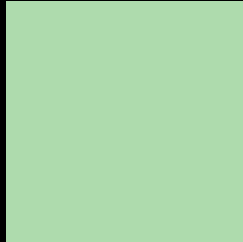
Large Text (above 18pt) WCAG AA × Fail

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 62.6788, 0.3107, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

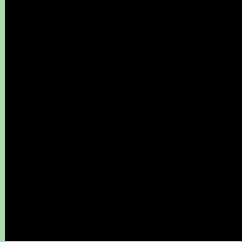
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6788, 0.3107, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 62.6788, 0.3107, 0.3869.

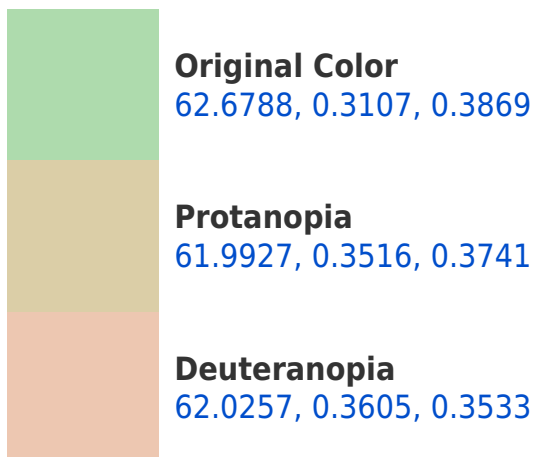


This preview shows how white text looks on a background with the Yxy color 62.6788, 0.3107, 0.3869.

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

62.2572, 0.2820, 0.3090

Trichromacy



Original Color

62.6788, 0.3107, 0.3869

Protanomaly

62.1496, 0.3362, 0.3793

Deuteranomaly

61.5733, 0.3408, 0.3641

Tritanomaly

62.3505, 0.2925, 0.3362

Monochromacy



Original Color

62.6788, 0.3107, 0.3869

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 62.6788, 0.3107, 0.3869 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(174, 219, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 219, 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(174, 219, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 219, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.6788, 0.3107, 0.3869 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(174, 219, 173) }
```

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

```
.border{ border-color:rgb(174, 219, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 219, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 219, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 219, 173); box-shadow:4px 4px 4px 4px rgb(174, 219, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6788, 0.3107, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 219, 173) }
```

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

```
.background{ background-color: rgb(174,  
219, 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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