

Converting Colors

$Yxy(62.6243, 0.3106, 0.3749)$

Have a look what the booklet for
Yxy(62.6243, 0.3106, 0.3749)
contains.

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Color

Yxy(62.6243, 0.3106, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	B4D9B4
RGB	180, 217, 180
RGB Percent	71%, 85%, 71%
CMY	0.2939, 0.1491, 0.2941
CMYK	0.17, 0.00, 0.17, 0.15
HSL	120°, 33%, 78%
HSV	120°, 17%, 85%
XYZ	51.8835, 62.6243, 52.5349
YIQ	201.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

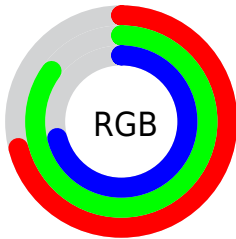
Format	Color
RYB	180, 217, 217
Decimal	11852212
CIELab	83.24, -19.14, 14.25
CIELCh	83, 23.863, 143.346
Yxy	62.6243, 0.3106, 0.3749
Android (android.graphics.Color)	4290042292 (0xFFB4D9B4)
YUV	201.7190, -10.7075, -19.0476
Hunter-Lab	79.1355, -21.4576, 16.0346

Details

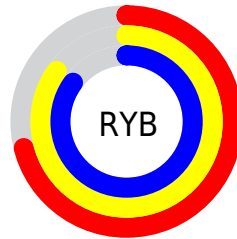
The Yxy color **62.6243, 0.3106, 0.3749** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.3962, 0.3146, 0.2870**, and the grayscale version is **58.9587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4090, 0.3118, 0.3480**, and **31.8850, 0.3100, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **59.4091, 0.3091, 0.4064**, and if you desaturate by 10%, it is **66.3899, 0.3119, 0.3467**.

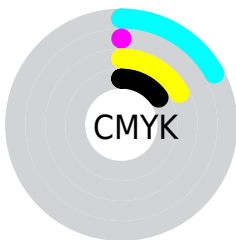
Distribution



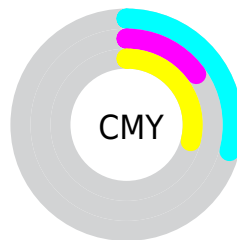
- Red (71%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)




- Cyan (29%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6243, 0.3106, 0.3749 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 62.6243, 0.3106, 0.3749 by changing the saturation by 10% instead.


 62.6243, 0.3106,
0.3749

 62.6243, 0.3106,
0.3749


434.2047, 0.3119,
0.3524

 45.5373, 0.3102,
0.3804


 108.6273, 0.3111,
0.3668

 31.8809, 0.3096,
0.3873


138.3121, 0.3113,
0.3638

 21.2705, 0.3088,
0.3964


172.9651, 0.3115,
0.3612

 13.3219, 0.3076,
0.4088

212.9705, 0.3116,
0.3589

 7.6506, 0.3055,
0.4267

258.7127, 0.3117,
0.3570

 3.8722, 0.3015,
0.4548

310.5763, 0.3118,

 1.6023, 0.2967,

0.3553

0.5116

368.9455, 0.3119,
0.3538

0.3592, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6243, 0.3106,
0.3749

62.6243, 0.3106,
0.3749

59.4091, 0.3091,
0.4064

66.3899, 0.3119,
0.3467

56.7109, 0.3075,
0.4408

70.7215, 0.3130,
0.3221

54.5053, 0.3059,
0.4766

75.6439, 0.3140,
0.3007

52.7625, 0.3042,
0.5120

78.1013, 0.3145,
0.2920

■ 51.4496, 0.3027,
0.5442

■ 50.5292, 0.3015,
0.5705

■ 49.9579, 0.3006,
0.5886

■ 49.6786, 0.3001,
0.5981

■ 49.6233, 0.3000,
0.6000

Harmonies

Analogous

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



62.6243, 0.3405, 0.3830



62.6243, 0.3106, 0.3749



62.6243, 0.2823, 0.3524

Triad

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



62.6243, 0.3106, 0.3749



62.6243, 0.2634, 0.2826



62.6243, 0.3653, 0.3309

Complementary

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



62.6243, 0.3106, 0.3749



52.3962, 0.3146, 0.2870

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.



62.6243, 0.3428, 0.3068



62.6243, 0.3106, 0.3749



62.6243, 0.2837, 0.2795

Square

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



62.6243, 0.3106, 0.3749



62.6243, 0.2559, 0.2980



62.6243, 0.3125, 0.2884



62.6243, 0.3730, 0.3557

Rectangle

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



62.6243, 0.3106, 0.3749



62.6243, 0.2679, 0.3332



62.6243, 0.3125, 0.2884



62.6243, 0.3592, 0.3225

Sweetspot

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



62.6270, 0.3106, 0.3749



96.8706, 0.3121, 0.3415



67.3500, 0.3383, 0.3705



20.6438, 0.3121, 0.3434



0.0000, 0.0000, 0.0000



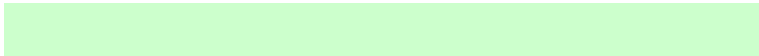
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6270, 0.3106, 0.3749



88.7272, 0.3102, 0.3845



63.3969, 0.2990, 0.3523



14.6071, 0.3116, 0.3532



30.0424, 0.3000, 0.6000



1.9466, 0.3001, 0.5999

Inverse Universe

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



52.3962, 0.3146, 0.2870



71.6520, 0.3150, 0.2791



51.5238, 0.3291, 0.3068



13.2739, 0.3138, 0.3060



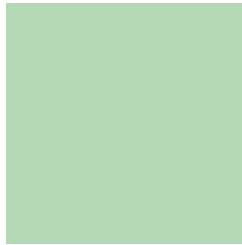
11.9345, 0.3206, 0.1540



0.7735, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 62.6243, 0.3106, 0.3749 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 62.6243, 0.3106, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

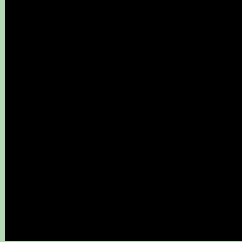
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

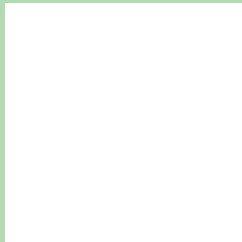
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6243, 0.3106, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 62.6243, 0.3106, 0.3749.



This preview shows how white text looks on a background with the Yxy color 62.6243, 0.3106, 0.3749.

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

62.6243, 0.3106, 0.3749

Protanopia

62.1432, 0.3448, 0.3649

Deuteranopia

61.9697, 0.3533, 0.3457



Tritanopia

62.3306, 0.2859, 0.3091

Trichromacy



Original Color

62.6243, 0.3106, 0.3749

Protanomaly

62.1049, 0.3314, 0.3683

Deuteranomaly

62.0086, 0.3364, 0.3557

Tritanomaly

62.5559, 0.2947, 0.3325

Monochromacy



Original Color

62.6243, 0.3106, 0.3749

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9900, 0.3120, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6243, 0.3106, 0.3749 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(180, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 217, 180)  
}
```

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(180, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 217, 180) }
```

Border

The CSS property to change the border of an element to Yxy 62.6243, 0.3106, 0.3749 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(180, 217, 180) }
```

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

```
.border{ border-color:rgb(180, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 217,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6243, 0.3106, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 217, 180) }
```

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

```
.background{ background-color: rgb(180,  
217, 180) }
```

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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