

Converting Colors

$Yxy(62.6935, 0.3119, 0.3792)$

Have a look what the booklet for
Yxy(62.6935, 0.3119, 0.3792)
contains.

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Color

Yxy(62.9008, 0.3117, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	B3DAB1
RGB	179, 218, 177
RGB Percent	70%, 85%, 69%
CMY	0.2981, 0.1451, 0.3058
CMYK	0.18, 0.00, 0.19, 0.15
HSL	117°, 36%, 77%
HSV	117°, 19%, 85%
XYZ	51.5952, 62.9008, 51.0324
YIQ	201.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

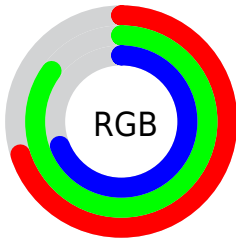
Format	Color
RYB	177, 218, 216
Decimal	11786929
CIELab	83.39, -20.53, 16.01
CIElCh	83, 26.034, 142.058
Yxy	62.9008, 0.3117, 0.3800
Android (android.graphics.Color)	4289977009 (0xFFB3DAB1)
YUV	201.6650, -12.1598, -19.8772
Hunter-Lab	79.3100, -22.6692, 17.3666

Details

The Yxy color **62.9008, 0.3117, 0.3800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.1285, 0.3133, 0.2824**, and the grayscale version is **58.9246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0654, 0.3129, 0.3511**, and **32.0852, 0.3115, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **59.8116, 0.3109, 0.4118**, and if you desaturate by 10%, it is **66.5069, 0.3123, 0.3514**.

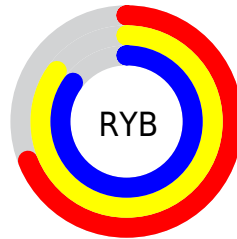
Distribution



Red (70%)

Green (85%)

Blue (69%)



Red (69%)

Yellow (85%)

Blue (85%)

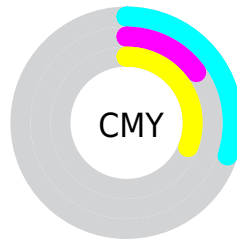


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9008, 0.3117, 0.3800 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 62.9008, 0.3117, 0.3800 by changing the saturation by 10% instead.

■ 62.9008, 0.3117,
0.3800

■ 62.9008, 0.3117,
0.3800

435.2094, 0.3126,
0.3550

■ 45.7610, 0.3114,
0.3861

■ 109.0264, 0.3121,
0.3710

■ 32.0572, 0.3109,
0.3938

138.7809, 0.3122,
0.3676

■ 21.4052, 0.3102,
0.4040

173.5091, 0.3123,
0.3647

■ 13.4205, 0.3090,
0.4178

213.5954, 0.3124,
0.3622

■ 7.7188, 0.3070,
0.4378

259.4242, 0.3125,
0.3601

■ 3.9155, 0.3029,
0.4691

311.3799, 0.3125,

■ 1.6264, 0.3001,

0.3582

369.8468, 0.3126,
0.3565

0.5366

0.3753, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9008, 0.3117,
0.3800

62.9008, 0.3117,
0.3800

59.8116, 0.3109,
0.4118

66.5069, 0.3123,
0.3514

57.2081, 0.3098,
0.4461

70.6436, 0.3128,
0.3261

55.0680, 0.3085,
0.4817

75.3339, 0.3131,
0.3042

53.3641, 0.3070,
0.5163

78.6274, 0.3144,
0.2930

■ 52.0663, 0.3053,
0.5476

■ 51.1408, 0.3036,
0.5727

■ 50.5484, 0.3020,
0.5897

■ 50.2374, 0.3009,
0.5986

■ 50.2140, 0.3008,
0.5993

Harmonies

Analogous

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



62.9008, 0.3441, 0.3880



62.9008, 0.3117, 0.3800



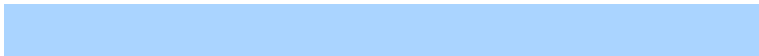
62.9008, 0.2807, 0.3558

Triad

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



62.9008, 0.3117, 0.3800



62.9008, 0.2585, 0.2790



62.9008, 0.3693, 0.3297

Complementary

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



62.9008, 0.3117, 0.3800



51.1285, 0.3133, 0.2824

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.



62.9008, 0.3441, 0.3038



62.9008, 0.3117, 0.3800



62.9008, 0.2799, 0.2752

Square

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



62.9008, 0.3117, 0.3800



62.9008, 0.2511, 0.2961



62.9008, 0.3110, 0.2843



62.9008, 0.3785, 0.3567

Rectangle

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



62.9008, 0.3117, 0.3800



62.9008, 0.2648, 0.3348



62.9008, 0.3110, 0.2843



62.9008, 0.3624, 0.3207

Sweetspot

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



62.9035, 0.3117, 0.3800



96.3932, 0.3125, 0.3441



67.1736, 0.3413, 0.3734



20.5517, 0.3124, 0.3458



0.0000, 0.0000, 0.0000



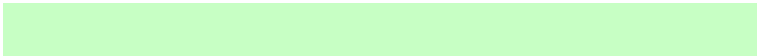
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9035, 0.3117, 0.3800



87.6812, 0.3114, 0.3937



63.4597, 0.2985, 0.3566



14.6355, 0.3123, 0.3531



30.0938, 0.3011, 0.5991



1.9602, 0.3044, 0.5965

Inverse Universe

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



51.1285, 0.3133, 0.2824



67.5948, 0.3133, 0.2712



50.5137, 0.3299, 0.3029



13.2418, 0.3130, 0.3059



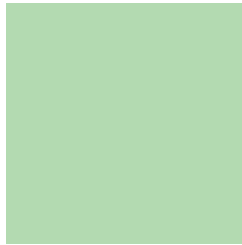
11.0518, 0.3092, 0.1477



0.7259, 0.3112, 0.1488

Previews

White Background



This preview shows how the Yxy color 62.9008, 0.3117, 0.3800 looks on a white background.

Color Contrast Check

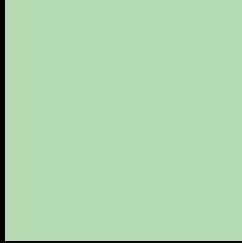
Large Text (above 18pt) WCAG AA × Fail

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 62.9008, 0.3117, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

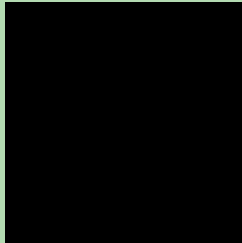
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

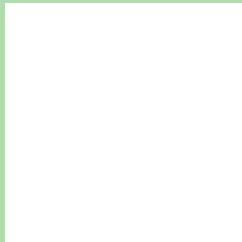
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9008, 0.3117, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 62.9008, 0.3117, 0.3800.



This preview shows how white text looks on a background with the Yxy color 62.9008, 0.3117, 0.3800.

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

62.9008, 0.3117, 0.3800

Protanopia

62.6643, 0.3476, 0.3694

Deuteranopia

62.6493, 0.3571, 0.3500



Tritanopia

62.7548, 0.2847, 0.3091

Trichromacy



Original Color

62.9008, 0.3117, 0.3800

Protanomaly

62.4819, 0.3334, 0.3731

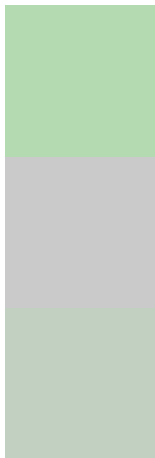
Deuteranomaly

62.5199, 0.3392, 0.3603

Tritanomaly

62.8869, 0.2947, 0.3349

Monochromacy



Original Color

62.9008, 0.3117, 0.3800

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.4313, 0.3126, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9008, 0.3117, 0.3800 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(179, 218, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 218, 177)  
}
```

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(179, 218, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 218, 177) }
```

Border

The CSS property to change the border of an element to Yxy 62.9008, 0.3117, 0.3800 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(179, 218, 177) }
```

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

```
.border{ border-color:rgb(179, 218, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 218, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 218, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 218, 177); box-shadow:4px 4px 4px 4px rgb(179, 218, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9008, 0.3117, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 218, 177) }
```

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

```
.background{ background-color: rgb(179,  
218, 177) }
```

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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