

Converting Colors

Yxy(59.3471, 0.3127, 0.3743)

Have a look what the booklet for
Yxy(59.3471, 0.3127, 0.3743)
contains.

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Color

Yxy(59.1487, 0.3128, 0.3746)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B2D3AF |
| RGB | 178, 211, 175 |
| RGB Percent | 70%, 83%, 69% |
| CMY | 0.3020, 0.1725, 0.3138 |
| CMYK | 0.16, 0.00, 0.17, 0.17 |
| HSL | 115°, 29%, 76% |
| HSV | 115°, 17%, 83% |
| XYZ | 49.3906, 59.1487, 49.3590 |
| YIQ | 197.0290, -8.1120, -18.1920 |

Conversions

Conversions Part 2

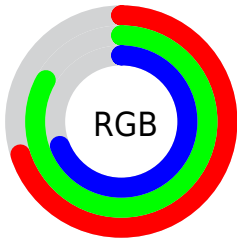
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 175, 211, 208 |
| Decimal | 11719599 |
| CIELab | 81.37, -17.73, 14.25 |
| CIELCh | 81, 22.746, 141.219 |
| Yxy | 59.1487, 0.3128, 0.3746 |
| Android (android.graphics.Color) | 4289909679 (0xFFB2D3AF) |
| YUV | 197.0290, -10.8603, -16.6884 |
| Hunter-Lab | 76.9082, -19.9563, 15.7839 |

Details

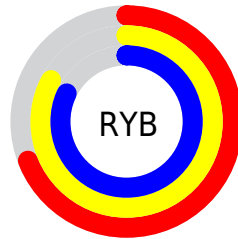
The Yxy color **59.1487, 0.3128, 0.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.7623, 0.3121, 0.2867**, and the grayscale version is **55.9243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7819, 0.3134, 0.3532**, and **29.5420, 0.3129, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **56.2582, 0.3126, 0.4056**, and if you desaturate by 10%, it is **62.4960, 0.3128, 0.3467**.

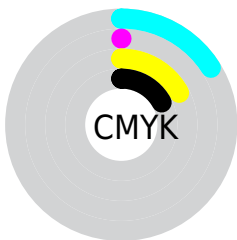
Distribution



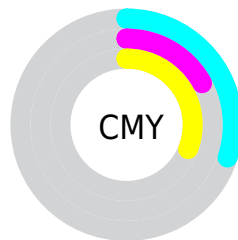
- Red (70%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)




- Cyan (30%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1487, 0.3128, 0.3746 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 59.1487, 0.3128, 0.3746 by changing the saturation by 10% instead.


 59.1487, 0.3128,
0.3746

 59.1487, 0.3128,
0.3746


421.4528, 0.3131,
0.3521

 42.7328, 0.3126,
0.3801


 103.5938, 0.3130,
0.3665

 29.6755, 0.3124,
0.3872


132.3917, 0.3130,
0.3634

 19.5925, 0.3120,
0.3965


166.0859, 0.3130,
0.3608

 12.0991, 0.3112,
0.4093

205.0606, 0.3131,
0.3586

 6.8112, 0.3098,
0.4280

249.7002, 0.3131,
0.3566

 3.3443, 0.3067,
0.4578

300.3892, 0.3131,

 1.3140, 0.3114,

0.3549

0.5357

357.5119, 0.3131,
0.3534

0.1520, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1487, 0.3128,
0.3746

59.1487, 0.3128,
0.3746

56.2582, 0.3126,
0.4056

62.4960, 0.3128,
0.3467

53.7975, 0.3120,
0.4392

66.3107, 0.3127,
0.3221

51.7484, 0.3111,
0.4742

70.6125, 0.3124,
0.3007

50.0882, 0.3098,
0.5088

75.0717, 0.3147,
0.2861

■ 48.7923, 0.3081,
0.5406

■ 47.8331, 0.3061,
0.5670

■ 47.1791, 0.3040,
0.5859

■ 46.7917, 0.3020,
0.5965

■ 46.7175, 0.3017,
0.5987

Harmonies

Analogous

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



59.1487, 0.3416, 0.3814



59.1487, 0.3128, 0.3746



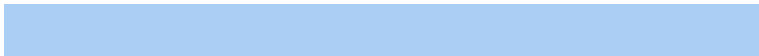
59.1487, 0.2849, 0.3536

Triad

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



59.1487, 0.3128, 0.3746



59.1487, 0.2638, 0.2845



59.1487, 0.3627, 0.3291

Complementary

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



59.1487, 0.3128, 0.3746



48.7623, 0.3121, 0.2867

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.



59.1487, 0.3400, 0.3059



59.1487, 0.3128, 0.3746



59.1487, 0.2828, 0.2806

Square

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



59.1487, 0.3128, 0.3746



59.1487, 0.2575, 0.3004



59.1487, 0.3104, 0.2885



59.1487, 0.3713, 0.3534

Rectangle

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



59.1487, 0.3128, 0.3746



59.1487, 0.2704, 0.3351



59.1487, 0.3104, 0.2885



59.1487, 0.3564, 0.3210

Sweetspot

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



59.1512, 0.3128, 0.3746



97.0575, 0.3128, 0.3415



61.7656, 0.3389, 0.3671



20.6890, 0.3128, 0.3433



0.0000, 0.0000, 0.0000



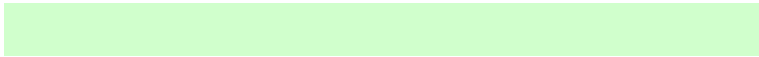
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1512, 0.3128, 0.3746



89.3302, 0.3127, 0.3840



59.3942, 0.3010, 0.3561



13.2530, 0.3128, 0.3529



28.2105, 0.3021, 0.5984



1.5942, 0.3085, 0.5933

Inverse Universe

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



48.7623, 0.3121, 0.2867



70.8629, 0.3119, 0.2787



48.5140, 0.3265, 0.3033



11.9565, 0.3125, 0.3060



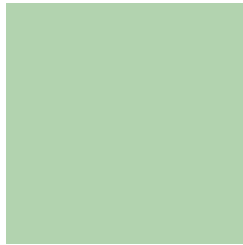
9.7254, 0.3001, 0.1427



0.5590, 0.3041, 0.1449

Previews

White Background



This preview shows how the Yxy color 59.1487, 0.3128, 0.3746 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 59.1487, 0.3128, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

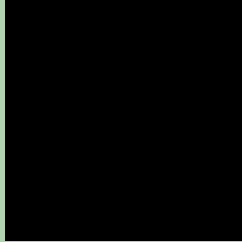
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1487, 0.3128, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 59.1487, 0.3128, 0.3746.

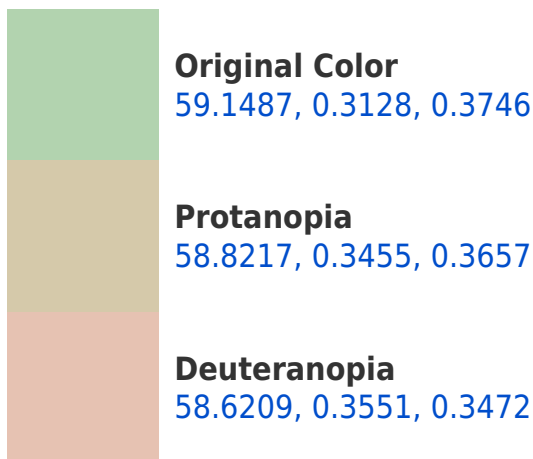


This preview shows how white text looks on a background with the Yxy color 59.1487, 0.3128, 0.3746.

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

59.3222, 0.2880, 0.3099

Trichromacy



Original Color

59.1487, 0.3128, 0.3746

Protanomaly

58.9206, 0.3326, 0.3691

Deuteranomaly

58.3318, 0.3387, 0.3563

Tritanomaly

59.0526, 0.2971, 0.3326

Monochromacy



Original Color

59.1487, 0.3128, 0.3746

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.8623, 0.3127, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1487, 0.3128, 0.3746 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(178, 211, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 211, 175)  
}
```

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(178, 211, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 211, 175) }
```

Border

The CSS property to change the border of an element to Yxy 59.1487, 0.3128, 0.3746 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(178, 211, 175) }
```

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

```
.border{ border-color:rgb(178, 211, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 211, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 211, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 211, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 211,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1487, 0.3128, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 211, 175) }
```

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

```
.background{ background-color: rgb(178,  
211, 175) }
```

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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