

Converting Colors

$Yxy(62.5170, 0.2928, 0.3810)$

Have a look what the booklet for
Yxy(62.5170, 0.2928, 0.3810)
contains.

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Color

Yxy(62.5885, 0.2923, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	9BDEB6
RGB	155, 222, 182
RGB Percent	61%, 87%, 71%
CMY	0.3923, 0.1294, 0.2861
CMYK	0.30, 0.00, 0.18, 0.13
HSL	144°, 50%, 74%
HSV	144°, 30%, 87%
XYZ	48.0805, 62.5885, 53.8212
YIQ	197.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

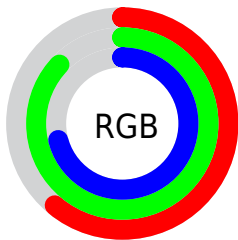
Format	Color
RYB	155, 203, 222
Decimal	10215094
CIELab	83.23, -29.30, 12.94
CIElCh	83, 32.033, 156.167
Yxy	62.5885, 0.2923, 0.3805
Android (android.graphics.Color)	4288405174 (0xFF9BDEB6)
YUV	197.4070, -7.5957, -37.1909
Hunter-Lab	79.1129, -29.9651, 15.0435

Details

The Yxy color **62.5885, 0.2923, 0.3805** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.9006, 0.3406, 0.2827**, and the grayscale version is **56.1516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5419, 0.2956, 0.3467**, and **32.0472, 0.2870, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **60.0714, 0.2865, 0.4012**, and if you desaturate by 10%, it is **65.5663, 0.2988, 0.3616**.

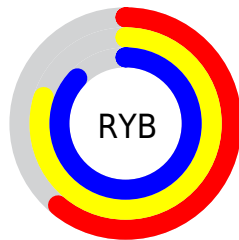
Distribution



Red (61%)

Green (87%)

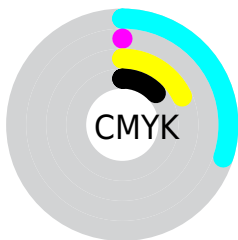
Blue (71%)



Red (61%)

Yellow (80%)

Blue (87%)

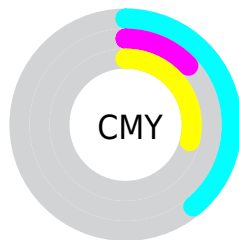


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (39%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5885, 0.2923, 0.3805 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 62.5885, 0.2923, 0.3805 by changing the saturation by 10% instead.


 62.5885, 0.2923,
0.3805


 62.5885, 0.2923,
0.3805


434.0745, 0.3024,
0.3551

 45.5084, 0.2898,
0.3867


 108.5756, 0.2960,
0.3714

 31.8581, 0.2866,
0.3946


 138.2514, 0.2973,
0.3679

 21.2531, 0.2824,
0.4051

172.8946, 0.2985,
0.3650

 13.3091, 0.2765,
0.4194

212.8895, 0.2995,
0.3624

 7.6418, 0.2679,
0.4403

258.6206, 0.3004,
0.3603

 3.8666, 0.2542,
0.4733

310.4721, 0.3012,

 1.5992, 0.2281,

0.3583

368.8287, 0.3018,
0.3566

0.5394

0.3571, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.5885, 0.2923,
0.3805

62.5885, 0.2923,
0.3805

60.0714, 0.2865,
0.4012

65.5663, 0.2988,
0.3616

57.9837, 0.2817,
0.4233


69.0188, 0.3056,
0.3445


56.3021, 0.2782,
0.4464

72.9691, 0.3126,
0.3293

54.9981, 0.2764,
0.4698


77.4363, 0.3195,
0.3158

 54.0389, 0.2764,
0.4928

 80.2978, 0.3187,
0.3034

 53.3862, 0.2783,
0.5144

 80.7267, 0.3142,
0.2970

 52.9787, 0.2816,
0.5336

Harmonies

Analogous

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



62.5885, 0.3325, 0.4007



62.5885, 0.2923, 0.3805



62.5885, 0.2590, 0.3437

Triad

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



62.5885, 0.2923, 0.3805



62.5885, 0.2568, 0.2638



62.5885, 0.3909, 0.3448

Complementary

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



62.5885, 0.2923, 0.3805



42.9006, 0.3406, 0.2827

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.



62.5885, 0.3680, 0.3122



62.5885, 0.2923, 0.3805



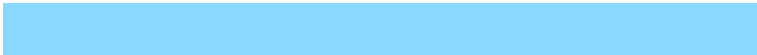
62.5885, 0.2891, 0.2672

Square

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



62.5885, 0.2923, 0.3805



62.5885, 0.2397, 0.2765



62.5885, 0.3299, 0.2845



62.5885, 0.3909, 0.3761

Rectangle

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



62.5885, 0.2923, 0.3805



62.5885, 0.2447, 0.3172



62.5885, 0.3299, 0.2845



62.5885, 0.3856, 0.3338

Sweetspot

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



62.5911, 0.2923, 0.3805



95.0540, 0.3064, 0.3427



66.2400, 0.3375, 0.4096



20.1857, 0.3054, 0.3451



0.0000, 0.0000, 0.0000



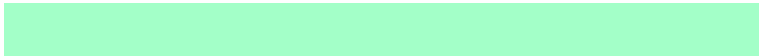
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5911, 0.2923, 0.3805



83.5102, 0.2887, 0.3929



64.1341, 0.2731, 0.3372



15.4285, 0.3061, 0.3433



31.4865, 0.2808, 0.5309



2.1999, 0.2722, 0.4999

Inverse Universe

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



42.9006, 0.3406, 0.2827



52.5840, 0.3481, 0.2732



41.5602, 0.3735, 0.3212



13.8371, 0.3199, 0.3151



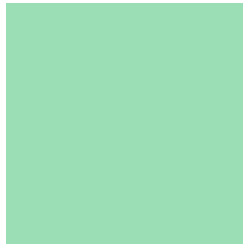
10.2423, 0.4550, 0.2280



0.7275, 0.4287, 0.2136

Previews

White Background



This preview shows how the Yxy color 62.5885, 0.2923, 0.3805 looks on a white background.

Color Contrast Check

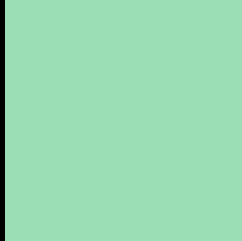
Large Text (above 18pt) WCAG AA × Fail

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 62.5885, 0.2923, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

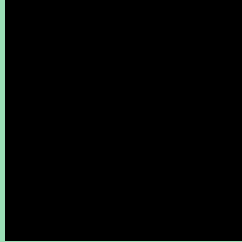
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5885, 0.2923, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 62.5885, 0.2923, 0.3805.

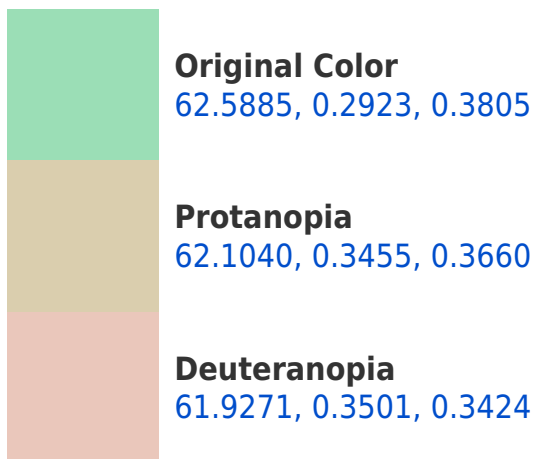


This preview shows how white text looks on a background with the Yxy color 62.5885, 0.2923, 0.3805.

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

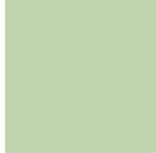
62.4264, 0.2688, 0.3085

Trichromacy



Original Color

62.5885, 0.2923, 0.3805



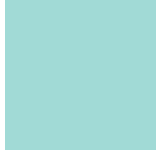
Protanomaly

61.8634, 0.3242, 0.3715



Deuteranomaly

61.1076, 0.3269, 0.3551



Tritanomaly

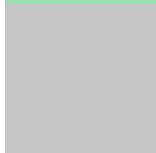
62.5749, 0.2769, 0.3338

Monochromacy



Original Color

62.5885, 0.2923, 0.3805



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.8935, 0.3044, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5885, 0.2923, 0.3805 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(155, 222, 182)` looks like.

```
.text, #text, p{  
    color:rgb(155, 222, 182)  
}
```

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(155, 222, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 222, 182) }
```

Border

The CSS property to change the border of an element to Yxy 62.5885, 0.2923, 0.3805 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(155, 222, 182) }
```

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

```
.border{ border-color:rgb(155, 222, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 222, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 222, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 222, 182);  
box-shadow:4px 4px 4px 4px rgb(155, 222,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5885, 0.2923, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 222, 182) }
```

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

```
.background{ background-color: rgb(155,  
222, 182) }
```

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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