

Converting Colors

$Yxy(62.6606, 0.2908, 0.3764)$

Have a look what the booklet for
Yxy(62.6606, 0.2908, 0.3764)
contains.

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Color

Yxy(62.7139, 0.2906, 0.3765)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BDEB9 |
| RGB | 155, 222, 185 |
| RGB Percent | 61%, 87%, 73% |
| CMY | 0.3919, 0.1294, 0.2745 |
| CMYK | 0.30, 0.00, 0.17, 0.13 |
| HSL | 147°, 50%, 74% |
| HSV | 147°, 30%, 87% |
| XYZ | 48.4055, 62.7139, 55.4514 |
| YIQ | 197.7490, -28.0550, -25.7110 |

Conversions

Conversions Part 2

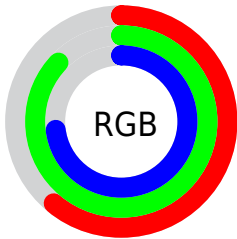
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 201, 222 |
| Decimal | 10215097 |
| CIELab | 83.29, -28.69, 11.48 |
| CIElCh | 83, 30.901, 158.198 |
| Yxy | 62.7139, 0.2906, 0.3765 |
| Android (android.graphics.Color) | 4288405177 (0xFF9BDEB9) |
| YUV | 197.7490, -6.2853, -37.4909 |
| Hunter-Lab | 79.1921, -29.4797, 13.9188 |

Details

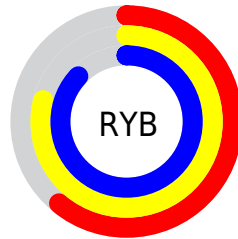
The Yxy color **62.7139, 0.2906, 0.3765** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8032, 0.3433, 0.2860**, and the grayscale version is **56.3730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7198, 0.2940, 0.3435**, and **32.1282, 0.2848, 0.3900** is the 20% darker color. If you saturate the color by 10%, you get **60.2209, 0.2843, 0.3955**, and if you desaturate by 10%, it is **65.6607, 0.2976, 0.3590**.

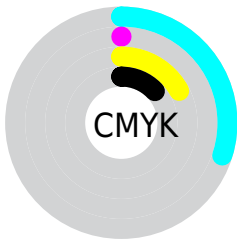
Distribution



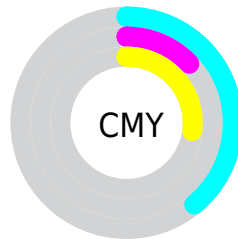
- Red (61%)
- Green (87%)
- Blue (73%)



- Red (61%)
- Yellow (79%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (39%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7139, 0.2906, 0.3765 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 62.7139, 0.2906, 0.3765 by changing the saturation by 10% instead.

 62.7139, 0.2906,
0.3765

 62.7139, 0.2906,
0.3765


434.5304, 0.3015,
0.3532

 45.6098, 0.2879,
0.3822


 108.7567, 0.2945,
0.3681

 31.9380, 0.2846,
0.3895


 138.4641, 0.2960,
0.3649

 21.3142, 0.2801,
0.3990


173.1414, 0.2973,
0.3622

 13.3538, 0.2740,
0.4121

213.1731, 0.2983,
0.3599

 7.6726, 0.2652,
0.4311

258.9434, 0.2993,
0.3579

 3.8862, 0.2512,
0.4611

310.8368, 0.3001,

 1.6101, 0.2246,

0.3561

0.5180

369.2377, 0.3008,
0.3545

■ 0.3644, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7139, 0.2906,
0.3765

■ 62.7139, 0.2906,
0.3765

■ 60.2209, 0.2843,
0.3955

■ 65.6607, 0.2976,
0.3590

■ 58.1505, 0.2791,
0.4159


■ 69.0749, 0.3050,
0.3433


■ 56.4800, 0.2752,
0.4373

■ 72.9794, 0.3126,
0.3292


■ 55.1811, 0.2731,
0.4591

■ 77.3929, 0.3202,
0.3167

 54.2215, 0.2729,
0.4807

 80.1738, 0.3199,
0.3051

 53.5632, 0.2746,
0.5013

 80.7181, 0.3142,
0.2970

 53.1444, 0.2778,
0.5202

Harmonies

Analogous

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



62.7139, 0.3293, 0.3973



62.7139, 0.2906, 0.3765



62.7139, 0.2592, 0.3406

Triad

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



62.7139, 0.2906, 0.3765



62.7139, 0.2605, 0.2657



62.7139, 0.3888, 0.3466

Complementary

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



62.7139, 0.2906, 0.3765



42.8032, 0.3433, 0.2860

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.



62.7139, 0.3681, 0.3149



62.7139, 0.2906, 0.3765



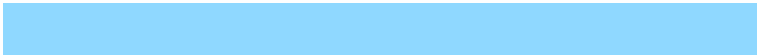
62.7139, 0.2925, 0.2699

Square

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



62.7139, 0.2906, 0.3765



62.7139, 0.2427, 0.2771



62.7139, 0.3321, 0.2876



62.7139, 0.3873, 0.3764

Rectangle

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



62.7139, 0.2906, 0.3765



62.7139, 0.2460, 0.3152



62.7139, 0.3321, 0.2876



62.7139, 0.3842, 0.3359

Sweetspot

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



62.7165, 0.2906, 0.3765



95.1139, 0.3058, 0.3417



65.9436, 0.3358, 0.4098



20.2005, 0.3047, 0.3439



0.0000, 0.0000, 0.0000



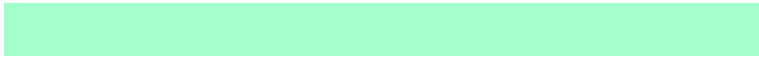
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7165, 0.2906, 0.3765



83.6995, 0.2866, 0.3880



64.2511, 0.2719, 0.3344



15.4386, 0.3055, 0.3422



31.5911, 0.2771, 0.5175



2.2076, 0.2687, 0.4874

Inverse Universe

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



42.8032, 0.3433, 0.2860



52.3777, 0.3517, 0.2770



41.5164, 0.3757, 0.3239



13.8267, 0.3206, 0.3161



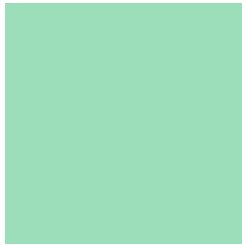
10.0922, 0.4730, 0.2379



0.7175, 0.4431, 0.2215

Previews

White Background



This preview shows how the Yxy color 62.7139, 0.2906, 0.3765 looks on a white background.

Color Contrast Check

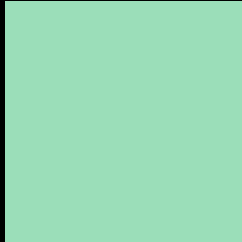
Large Text (above 18pt) WCAG AA × Fail

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 62.7139, 0.2906, 0.3765 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 62.7139, 0.2906, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 62.7139, 0.2906, 0.3765.

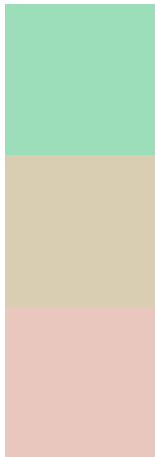


This preview shows how white text looks on a background with the Yxy color 62.7139, 0.2906, 0.3765.

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

62.7139, 0.2906, 0.3765

Protanopia

62.0687, 0.3425, 0.3626

Deuteranopia

61.8882, 0.3469, 0.3391



Tritanopia

62.4834, 0.2682, 0.3074

Trichromacy



Original Color

62.7139, 0.2906, 0.3765



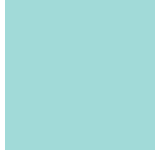
Protanomaly

61.8516, 0.3213, 0.3678



Deuteranomaly

61.2356, 0.3247, 0.3515



Tritanomaly

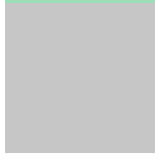
62.6777, 0.2758, 0.3314

Monochromacy



Original Color

62.7139, 0.2906, 0.3765



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.4210, 0.3037, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7139, 0.2906, 0.3765 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 222, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 222, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.7139, 0.2906, 0.3765 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, 185) }
```

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

```
.border{ border-color:rgb(155, 222, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 222,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7139, 0.2906, 0.3765 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, 185) }
```

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

```
.background{ background-color: rgb(155,  
222, 185) }
```

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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