

Converting Colors

$Yxy(59.7226, 0.3025, 0.3897)$

Have a look what the booklet for
Yxy(59.7226, 0.3025, 0.3897)
contains.

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Color

Yxy(59.8989, 0.3022, 0.3904)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FD9AA |
| RGB | 159, 217, 170 |
| RGB Percent | 62%, 85%, 67% |
| CMY | 0.3765, 0.1490, 0.3332 |
| CMYK | 0.27, 0.00, 0.22, 0.15 |
| HSL | 131°, 43%, 74% |
| HSV | 131°, 27%, 85% |
| XYZ | 46.3664, 59.8989, 47.1642 |
| YIQ | 194.3000, -19.4810, -26.9130 |

Conversions

Conversions Part 2

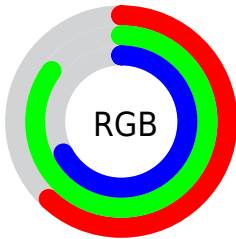
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 159, 208, 217 |
| Decimal | 10475946 |
| CIELab | 81.78, -27.88, 17.27 |
| CIELCh | 82, 32.790, 148.228 |
| Yxy | 59.8989, 0.3022, 0.3904 |
| Android (android.graphics.Color) | 4288666026 (0xFF9FD9AA) |
| YUV | 194.3000, -11.9799, -30.9581 |
| Hunter-Lab | 77.3944, -28.5021, 18.0447 |

Details

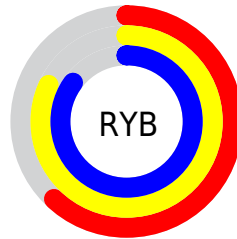
The Yxy color **59.8989, 0.3022, 0.3904** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9971, 0.3254, 0.2746**, and the grayscale version is **54.2173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4033, 0.3051, 0.3605**, and **30.2128, 0.2985, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **57.2532, 0.2985, 0.4181**, and if you desaturate by 10%, it is **63.0279, 0.3061, 0.3652**.

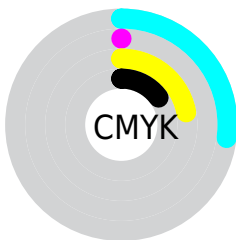
Distribution



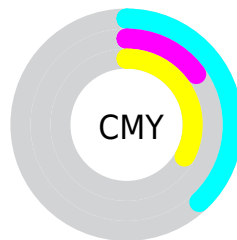
- Red (62%)
- Green (85%)
- Blue (67%)



- Red (62%)
- Yellow (82%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8989, 0.3022, 0.3904 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 59.8989, 0.3022, 0.3904 by changing the saturation by 10% instead.

 59.8989, 0.3022,
0.3904

 59.8989, 0.3022,
0.3904


424.2250, 0.3078,
0.3598

 43.3371, 0.3007,
0.3980

 104.6830, 0.3043,
0.3793

 30.1497, 0.2987,
0.4077


 133.6741, 0.3051,
0.3751

 19.9523, 0.2959,
0.4206


167.5772, 0.3058,
0.3716

 12.3604, 0.2919,
0.4384

206.7765, 0.3063,
0.3686

 6.9896, 0.2855,
0.4647

251.6566, 0.3068,
0.3659

 3.4556, 0.2742,
0.5067

302.6018, 0.3072,

 1.3740, 0.2606,

0.3636

0.6401

359.9965, 0.3075,
0.3616

■ 0.1974, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8989, 0.3022,
0.3904

■ 59.8989, 0.3022,
0.3904

■ 57.2532, 0.2985,
0.4181

■ 63.0279, 0.3061,
0.3652

■ 55.0595, 0.2954,
0.4477

■ 66.6548, 0.3101,
0.3427

■ 53.2942, 0.2930,
0.4782

■ 70.8030, 0.3140,
0.3228

■ 51.9289, 0.2916,
0.5083

■ 75.4920, 0.3177,
0.3055

■ 50.9312, 0.2914,
0.5361

■ 78.1086, 0.3145,
0.2920

■ 50.2640, 0.2925,
0.5598

■ 49.8801, 0.2946,
0.5781

■ 49.7910, 0.2952,
0.5829

Harmonies

Analogous

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



59.8989, 0.3440, 0.4050



59.8989, 0.3022, 0.3904



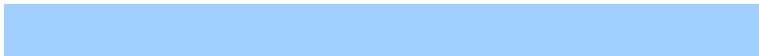
59.8989, 0.2649, 0.3553

Triad

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



59.8989, 0.3022, 0.3904



59.8989, 0.2484, 0.2632



59.8989, 0.3898, 0.3362

Complementary

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



59.8989, 0.3022, 0.3904



43.9971, 0.3254, 0.2746

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.



59.8989, 0.3607, 0.3032



59.8989, 0.3022, 0.3904



59.8989, 0.2781, 0.2625

Square

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



59.8989, 0.3022, 0.3904



59.8989, 0.2354, 0.2808



59.8989, 0.3190, 0.2770



59.8989, 0.3963, 0.3697

Rectangle

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



59.8989, 0.3022, 0.3904



59.8989, 0.2471, 0.3273



59.8989, 0.3190, 0.2770



59.8989, 0.3823, 0.3248

Sweetspot

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



59.9014, 0.3022, 0.3904



95.3158, 0.3095, 0.3455



65.3058, 0.3446, 0.3974



20.2247, 0.3089, 0.3488



0.0000, 0.0000, 0.0000



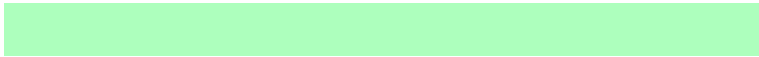
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9014, 0.3022, 0.3904



84.1215, 0.3001, 0.4055



61.1043, 0.2846, 0.3522



14.6466, 0.3090, 0.3485



30.1507, 0.2947, 0.5809



1.9653, 0.2866, 0.5516

Inverse Universe

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



43.9971, 0.3254, 0.2746



57.5599, 0.3286, 0.2631



42.7316, 0.3520, 0.3071



13.2301, 0.3167, 0.3103



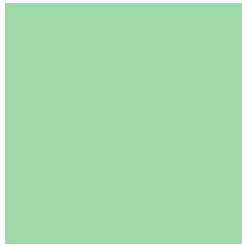
10.8344, 0.3756, 0.1843



0.7131, 0.3650, 0.1785

Previews

White Background



This preview shows how the Yxy color 59.8989, 0.3022, 0.3904 looks on a white background.

Color Contrast Check

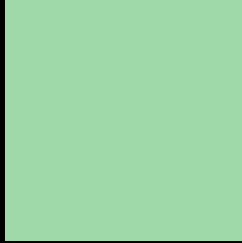
Large Text (above 18pt) WCAG AA × Fail

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 59.8989, 0.3022, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

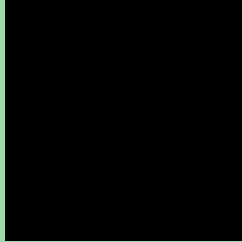
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8989, 0.3022, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 59.8989, 0.3022, 0.3904.

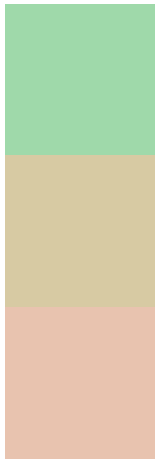


This preview shows how white text looks on a background with the Yxy color 59.8989, 0.3022, 0.3904.

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

59.8989, 0.3022, 0.3904

Protanopia

59.3325, 0.3523, 0.3749

Deuteranopia

59.2812, 0.3590, 0.3516



Tritanopia

59.5269, 0.2739, 0.3083

Trichromacy



Original Color

59.8989, 0.3022, 0.3904

Protanomaly

58.9809, 0.3327, 0.3795

Deuteranomaly

58.7081, 0.3363, 0.3651

Tritanomaly

59.5425, 0.2836, 0.3364

Monochromacy



Original Color

59.8989, 0.3022, 0.3904

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.5676, 0.3086, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8989, 0.3022, 0.3904 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(159, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 217, 170)  
}
```

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(159, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 217, 170) }
```

Border

The CSS property to change the border of an element to Yxy 59.8989, 0.3022, 0.3904 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(159, 217, 170) }
```

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

```
.border{ border-color:rgb(159, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(159, 217,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8989, 0.3022, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 217, 170) }
```

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

```
.background{ background-color: rgb(159,  
217, 170) }
```

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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