

Converting Colors

$Yxy(59.1903, 0.3074, 0.3908)$

Have a look what the booklet for
Yxy(59.1903, 0.3074, 0.3908)
contains.

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Color

Yxy(59.2834, 0.3077, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	A4D7A7
RGB	164, 215, 167
RGB Percent	64%, 84%, 65%
CMY	0.3567, 0.1569, 0.3451
CMYK	0.24, 0.00, 0.22, 0.16
HSL	123°, 39%, 74%
HSV	123°, 24%, 84%
XYZ	46.5939, 59.2834, 45.5490
YIQ	194.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

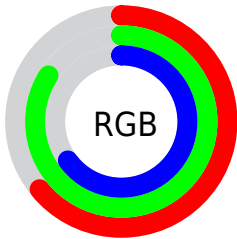
Format	Color
RYB	164, 212, 215
Decimal	10803111
CIELab	81.45, -25.79, 18.43
CIElCh	81, 31.697, 144.439
Yxy	59.2834, 0.3077, 0.3915
Android (android.graphics.Color)	4288993191 (0xFFA4D7A7)
YUV	194.2790, -13.4485, -26.5547
Hunter-Lab	76.9957, -26.7234, 18.8223

Details

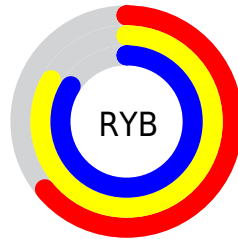
The Yxy color **59.2834, 0.3077, 0.3915** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7718, 0.3179, 0.2736**, and the grayscale version is **54.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0096, 0.3099, 0.3634**, and **29.7589, 0.3053, 0.4089** is the 20% darker color. If you saturate the color by 10%, you get **56.4962, 0.3055, 0.4230**, and if you desaturate by 10%, it is **62.5796, 0.3099, 0.3629**.

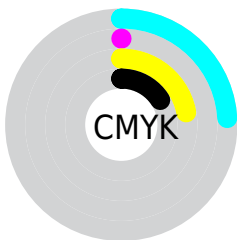
Distribution



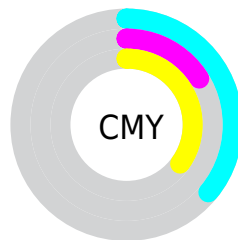
- Red (64%)
- Green (84%)
- Blue (65%)



- Red (64%)
- Yellow (83%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2834, 0.3077, 0.3915 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 59.2834, 0.3077, 0.3915 by changing the saturation by 10% instead.


 59.2834, 0.3077,
0.3915

 59.2834, 0.3077,
0.3915

421.9513, 0.3107,
0.3603

 42.8413, 0.3068,
0.3992


 103.7894, 0.3089,
0.3802

 29.7606, 0.3056,
0.4092


 132.6222, 0.3093,
0.3759

 19.6570, 0.3038,
0.4223


166.3539, 0.3097,
0.3723

 12.1459, 0.3010,
0.4404

205.3690, 0.3100,
0.3693

 6.8431, 0.2964,
0.4672

250.0519, 0.3102,
0.3666

 3.3642, 0.2875,
0.5099

300.7870, 0.3104,

 1.3247, 0.2888,

0.3642

0.6654

357.9587, 0.3106,
0.3622

0.1602, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.2834, 0.3077,
0.3915

59.2834, 0.3077,
0.3915

56.4962, 0.3055,
0.4230

62.5796, 0.3099,
0.3629

54.1856, 0.3033,
0.4567

66.4005, 0.3120,
0.3375

52.3272, 0.3014,
0.4911

70.7702, 0.3139,
0.3154

50.8913, 0.2999,
0.5241

75.7093, 0.3157,
0.2962

■ 49.8446, 0.2990,
0.5532

■ 77.0773, 0.3145,
0.2900

■ 49.1489, 0.2987,
0.5762

■ 48.7584, 0.2990,
0.5913

■ 48.6250, 0.2992,
0.5969

Harmonies

Analogous

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



59.2834, 0.3481, 0.4028



59.2834, 0.3077, 0.3915



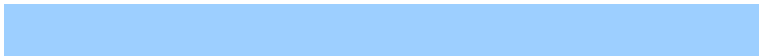
59.2834, 0.2703, 0.3594

Triad

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



59.2834, 0.3077, 0.3915



59.2834, 0.2477, 0.2664



59.2834, 0.3850, 0.3319

Complementary

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



59.2834, 0.3077, 0.3915



45.7718, 0.3179, 0.2736

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.



59.2834, 0.3546, 0.3002



59.2834, 0.3077, 0.3915



59.2834, 0.2747, 0.2636

Square

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



59.2834, 0.3077, 0.3915



59.2834, 0.2372, 0.2856



59.2834, 0.3136, 0.2759



59.2834, 0.3943, 0.3647

Rectangle

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



59.2834, 0.3077, 0.3915



59.2834, 0.2517, 0.3326



59.2834, 0.3136, 0.2759



59.2834, 0.3768, 0.3208

Sweetspot

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



59.2859, 0.3077, 0.3915



95.7343, 0.3113, 0.3457



65.3431, 0.3463, 0.3882



20.4164, 0.3112, 0.3473



0.0000, 0.0000, 0.0000



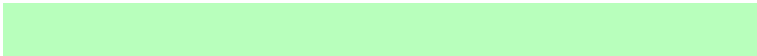
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2859, 0.3077, 0.3915



85.2806, 0.3067, 0.4056



60.3045, 0.2918, 0.3581



13.9075, 0.3108, 0.3517



29.0909, 0.2989, 0.5960



1.7588, 0.2954, 0.5836

Inverse Universe

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



45.7718, 0.3179, 0.2736



62.3313, 0.3191, 0.2628



44.6032, 0.3401, 0.3017



12.6197, 0.3147, 0.3073



11.2123, 0.3359, 0.1624



0.6801, 0.3331, 0.1608

Previews

White Background



This preview shows how the Yxy color 59.2834, 0.3077, 0.3915 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 59.2834, 0.3077, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

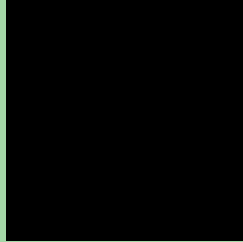
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2834, 0.3077, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 59.2834, 0.3077, 0.3915.

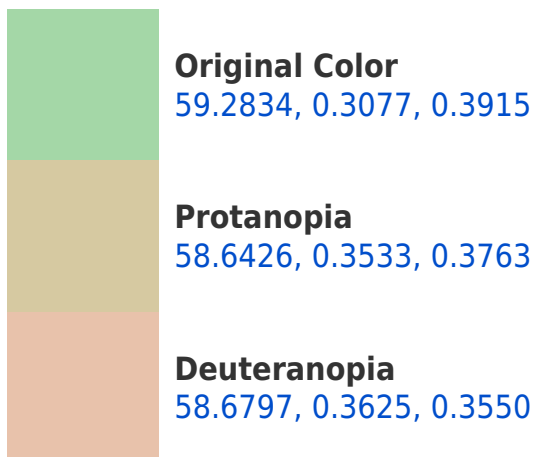


This preview shows how white text looks on a background with the Yxy color 59.2834, 0.3077, 0.3915.

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

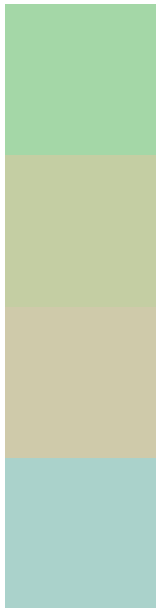




Tritanopia

59.0061, 0.2782, 0.3084

Trichromacy



Original Color

59.2834, 0.3077, 0.3915

Protanomaly

58.5227, 0.3358, 0.3820

Deuteranomaly

58.4087, 0.3404, 0.3674

Tritanomaly

58.9510, 0.2887, 0.3377

Monochromacy



Original Color

59.2834, 0.3077, 0.3915

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.7690, 0.3109, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2834, 0.3077, 0.3915 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(164, 215, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 215, 167)  
}
```

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(164, 215, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 215, 167) }
```

Border

The CSS property to change the border of an element to Yxy 59.2834, 0.3077, 0.3915 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(164, 215, 167) }
```

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

```
.border{ border-color:rgb(164, 215, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 215, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 215, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 215, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 215,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2834, 0.3077, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 215, 167) }
```

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

```
.background{ background-color: rgb(164,  
215, 167) }
```

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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