

Converting Colors

$Yxy(59.8876, 0.2963, 0.3717)$

Have a look what the booklet for
Yxy(59.8876, 0.2963, 0.3717)
contains.

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Color

Yxy(59.6597, 0.2967, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	A2D7B6
RGB	162, 215, 182
RGB Percent	64%, 84%, 71%
CMY	0.3649, 0.1568, 0.2863
CMYK	0.25, 0.00, 0.15, 0.16
HSL	143°, 40%, 74%
HSV	143°, 25%, 84%
XYZ	47.6346, 59.6597, 53.2538
YIQ	195.3910, -20.9950, -21.4990

Conversions

Conversions Part 2

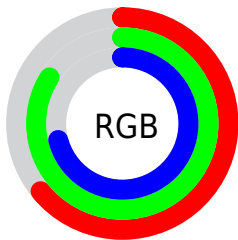
Format	Color
RYB	162, 200, 215
Decimal	10672054
CIELab	81.65, -23.76, 10.79
CIELCh	82, 26.093, 155.575
Yxy	59.6597, 0.2967, 0.3716
Android (android.graphics.Color)	4288862134 (0xFFA2D7B6)
YUV	195.3910, -6.6018, -29.2839
Hunter-Lab	77.2397, -25.0864, 13.1896

Details

The Yxy color **59.6597, 0.2967, 0.3716** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.2099, 0.3331, 0.2900**, and the grayscale version is **54.8626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5985, 0.2997, 0.3465**, and **29.9778, 0.2922, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **57.0735, 0.2908, 0.3922**, and if you desaturate by 10%, it is **62.6887, 0.3031, 0.3529**.

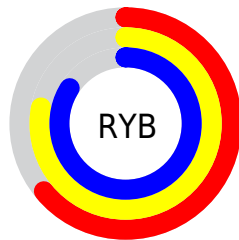
Distribution



Red (64%)

Green (84%)

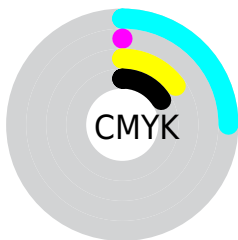
Blue (71%)



Red (64%)

Yellow (78%)

Blue (84%)

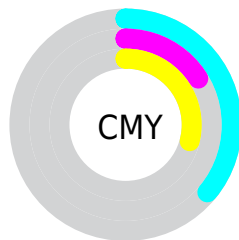


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (36%)


Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6597, 0.2967, 0.3716 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 59.6597, 0.2967, 0.3716 by changing the saturation by 10% instead.

 59.6597, 0.2967,
0.3716


 59.6597, 0.2967,
0.3716

423.3423, 0.3047,
0.3506

 43.1444, 0.2947,
0.3768


 104.3359, 0.2996,
0.3640

 29.9984, 0.2922,
0.3834


 133.2655, 0.3007,
0.3611

 19.8374, 0.2888,
0.3921


167.1021, 0.3016,
0.3587

 12.2769, 0.2841,
0.4041

206.2299, 0.3024,
0.3566

 6.9326, 0.2772,
0.4218

251.0335, 0.3031,
0.3548

 3.4200, 0.2660,
0.4500

301.8971, 0.3037,

 1.3547, 0.2437,

0.3532

0.5110

359.2053, 0.3042,
0.3518

■ 0.1830, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6597, 0.2967,
0.3716

■ 59.6597, 0.2967,
0.3716

■ 57.0735, 0.2908,
0.3922

■ 62.6887, 0.3031,
0.3529

■ 54.9016, 0.2857,
0.4145

■ 66.1726, 0.3096,
0.3362


■ 53.1236, 0.2816,
0.4381


■ 70.1323, 0.3162,
0.3213


■ 51.7144, 0.2790,
0.4624


■ 74.5852, 0.3227,
0.3083


 50.6458, 0.2781,
0.4866

 76.7026, 0.3186,
0.2958

 49.8853, 0.2790,
0.5097

 77.0896, 0.3145,
0.2901

 49.3937, 0.2818,
0.5307

 49.2068, 0.2836,
0.5409

Harmonies

Analogous

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



59.6597, 0.3302, 0.3879



59.6597, 0.2967, 0.3716



59.6597, 0.2685, 0.3420

Triad

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



59.6597, 0.2967, 0.3716



59.6597, 0.2657, 0.2746



59.6597, 0.3770, 0.3423

Complementary

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



59.6597, 0.2967, 0.3716



44.2099, 0.3331, 0.2900

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.



59.6597, 0.3579, 0.3147



59.6597, 0.2967, 0.3716



59.6597, 0.2927, 0.2769

Square

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



59.6597, 0.2967, 0.3716



59.6597, 0.2514, 0.2860



59.6597, 0.3265, 0.2913



59.6597, 0.3777, 0.3683

Rectangle

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



59.6597, 0.2967, 0.3716



59.6597, 0.2562, 0.3203



59.6597, 0.3265, 0.2913



59.6597, 0.3726, 0.3329

Sweetspot

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



59.6622, 0.2967, 0.3716



96.0754, 0.3080, 0.3400



62.8928, 0.3345, 0.3935



20.4952, 0.3076, 0.3410



0.0000, 0.0000, 0.0000



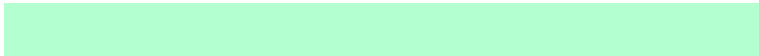
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6622, 0.2967, 0.3716



85.5684, 0.2933, 0.3829



60.8364, 0.2808, 0.3378



13.9728, 0.3065, 0.3439



29.4454, 0.2828, 0.5381



1.7918, 0.2730, 0.5027

Inverse Universe

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



44.2099, 0.3331, 0.2900



58.7971, 0.3390, 0.2807



43.1363, 0.3574, 0.3205



12.5495, 0.3195, 0.3146



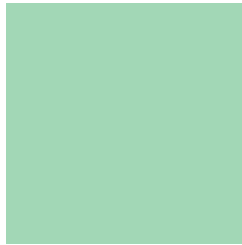
9.6885, 0.4441, 0.2220



0.6002, 0.4173, 0.2072

Previews

White Background



This preview shows how the Yxy color 59.6597, 0.2967, 0.3716 looks on a white background.

Color Contrast Check

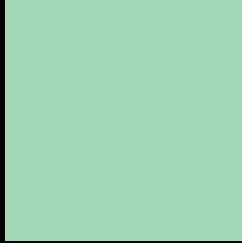
Large Text (above 18pt) WCAG AA × Fail

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 59.6597, 0.2967, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

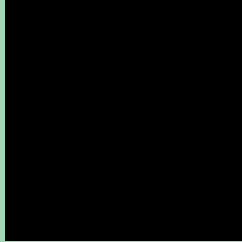
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

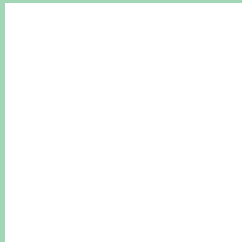
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6597, 0.2967, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 59.6597, 0.2967, 0.3716.

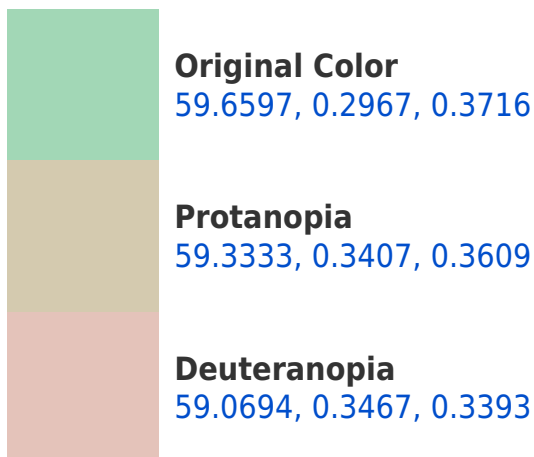


This preview shows how white text looks on a background with the Yxy color 59.6597, 0.2967, 0.3716.

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

59.6380, 0.2746, 0.3084

Trichromacy



Original Color

59.6597, 0.2967, 0.3716

Protanomaly

59.3093, 0.3233, 0.3645

Deuteranomaly

58.5812, 0.3267, 0.3494

Tritanomaly

59.4572, 0.2824, 0.3302

Monochromacy



Original Color

59.6597, 0.2967, 0.3716

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0260, 0.3067, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6597, 0.2967, 0.3716 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(162, 215, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 215, 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(162, 215, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 215, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.6597, 0.2967, 0.3716 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(162, 215, 182) }
```

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

```
.border{ border-color:rgb(162, 215, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 215, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 215, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 215, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 215,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6597, 0.2967, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 215, 182) }
```

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

```
.background{ background-color: rgb(162,  
215, 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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