

Converting Colors

Yxy(58.0994, 0.3073, 0.3815)

Have a look what the booklet for
Yxy(58.0994, 0.3073, 0.3815)
contains.

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Color

Yxy(58.2427, 0.3073, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	A7D4AB
RGB	167, 212, 171
RGB Percent	65%, 83%, 67%
CMY	0.3452, 0.1686, 0.3293
CMYK	0.21, 0.00, 0.19, 0.17
HSL	125°, 34%, 74%
HSV	125°, 21%, 83%
XYZ	46.8288, 58.2427, 47.3165
YIQ	193.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

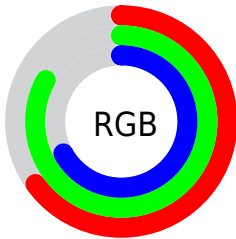
Format	Color
RYB	167, 208, 212
Decimal	10998955
CIELab	80.87, -22.65, 15.53
CIELCh	81, 27.466, 145.557
Yxy	58.2427, 0.3073, 0.3822
Android (android.graphics.Color)	4289189035 (0xFFA7D4AB)
YUV	193.8710, -11.2754, -23.5659
Hunter-Lab	76.3169, -24.0251, 16.6620

Details

The Yxy color **58.2427, 0.3073, 0.3822** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1787, 0.3186, 0.2810**, and the grayscale version is **53.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6990, 0.3095, 0.3590**, and **29.0233, 0.3049, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **55.4397, 0.3047, 0.4119**, and if you desaturate by 10%, it is **61.5365, 0.3099, 0.3554**.

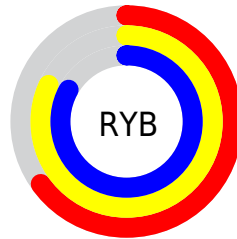
Distribution



Red (65%)

Green (83%)

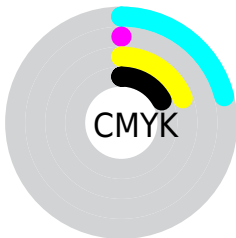
Blue (67%)



Red (65%)

Yellow (82%)

Blue (83%)

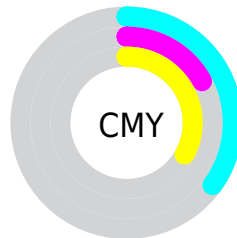


Cyan (21%)

Magenta (0%)

Yellow (19%)

Black (17%)



Cyan (35%)


Magenta (17%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2427, 0.3073, 0.3822 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 58.2427, 0.3073, 0.3822 by changing the saturation by 10% instead.


 58.2427, 0.3073,
0.3822


 58.2427, 0.3073,
0.3822


418.0897, 0.3104,
0.3557

 42.0038, 0.3064,
0.3888

 102.2762, 0.3085,
0.3726

 29.1043, 0.3053,
0.3972


 130.8396, 0.3089,
0.3690

 19.1597, 0.3036,
0.4083


164.2799, 0.3093,
0.3659

 11.7857, 0.3012,
0.4238

202.9816, 0.3096,
0.3633

 6.5980, 0.2971,
0.4466

247.3290, 0.3098,
0.3610

 3.2120, 0.2896,
0.4833

297.7066, 0.3100,

 1.2434, 0.2871,

0.3590

0.6038

354.4987, 0.3102,
0.3573

■ 0.0967, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2427, 0.3073,
0.3822

■ 58.2427, 0.3073,
0.3822

■ 55.4397, 0.3047,
0.4119

■ 61.5365, 0.3099,
0.3554

■ 53.0971, 0.3022,
0.4441

■ 65.3353, 0.3124,
0.3317

■ 51.1923, 0.3001,
0.4775

■ 69.6616, 0.3148,
0.3111

■ 49.6981, 0.2984,
0.5104

■ 74.5347, 0.3170,
0.2932

■ 48.5842, 0.2974,
0.5407

■ 75.5708, 0.3147,
0.2871

■ 47.8159, 0.2972,
0.5660

■ 47.3523, 0.2978,
0.5845

■ 47.1381, 0.2985,
0.5946

Harmonies

Analogous

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



58.2427, 0.3426, 0.3930



58.2427, 0.3073, 0.3822



58.2427, 0.2747, 0.3542

Triad

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



58.2427, 0.3073, 0.3822



58.2427, 0.2562, 0.2737



58.2427, 0.3763, 0.3330

Complementary

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



58.2427, 0.3073, 0.3822



46.1787, 0.3186, 0.2810

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.



58.2427, 0.3505, 0.3048



58.2427, 0.3073, 0.3822



58.2427, 0.2807, 0.2715

Square

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



58.2427, 0.3073, 0.3822



58.2427, 0.2464, 0.2905



58.2427, 0.3150, 0.2828



58.2427, 0.3837, 0.3618

Rectangle

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



58.2427, 0.3073, 0.3822



58.2427, 0.2586, 0.3311



58.2427, 0.3150, 0.2828



58.2427, 0.3694, 0.3232

Sweetspot

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



58.2452, 0.3073, 0.3822



96.3483, 0.3112, 0.3428



63.3268, 0.3416, 0.3821



20.5412, 0.3111, 0.3443



0.0000, 0.0000, 0.0000



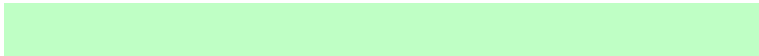
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2452, 0.3073, 0.3822



86.6596, 0.3062, 0.3938



59.1649, 0.2929, 0.3528



13.9140, 0.3104, 0.3509



29.1048, 0.2982, 0.5935



1.7619, 0.2930, 0.5749

Inverse Universe

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



46.1787, 0.3186, 0.2810



65.4865, 0.3198, 0.2718



45.1611, 0.3380, 0.3065



12.6125, 0.3151, 0.3081



11.0234, 0.3448, 0.1673



0.6707, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 58.2427, 0.3073, 0.3822 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 58.2427, 0.3073, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

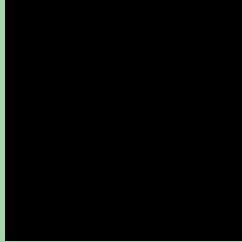
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

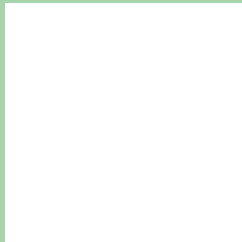
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2427, 0.3073, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 58.2427, 0.3073, 0.3822.



This preview shows how white text looks on a background with the Yxy color 58.2427, 0.3073, 0.3822.

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

58.2427, 0.3073, 0.3822

Protanopia

58.0222, 0.3488, 0.3707

Deuteranopia

57.8931, 0.3569, 0.3495



Tritanopia

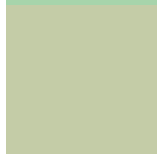
58.1132, 0.2812, 0.3095

Trichromacy



Original Color

58.2427, 0.3073, 0.3822



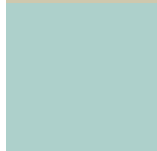
Protanomaly

57.7115, 0.3332, 0.3747



Deuteranomaly

57.4864, 0.3369, 0.3603



Tritanomaly

58.3078, 0.2907, 0.3352

Monochromacy



Original Color

58.2427, 0.3073, 0.3822



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.5088, 0.3103, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2427, 0.3073, 0.3822 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(167, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 171)  
}
```

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(167, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.2427, 0.3073, 0.3822 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(167, 212, 171) }
```

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

```
.border{ border-color:rgb(167, 212, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 212, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 212, 171); box-shadow:4px 4px 4px 4px rgb(167, 212, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2427, 0.3073, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 171) }
```

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

```
.background{ background-color: rgb(167,  
212, 171) }
```

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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