

Converting Colors

Yxy(58.9410, 0.3080, 0.4107)

Have a look what the booklet for
Yxy(58.9410, 0.3080, 0.4107)
contains.

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Color

Yxy(58.8960, 0.3075, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	9AD99C
RGB	154, 217, 156
RGB Percent	60%, 85%, 61%
CMY	0.3961, 0.1490, 0.3881
CMYK	0.29, 0.00, 0.28, 0.15
HSL	122°, 45%, 73%
HSV	122°, 29%, 85%
XYZ	44.1397, 58.8960, 40.5080
YIQ	191.2090, -17.9670, -32.3270

Conversions

Conversions Part 2

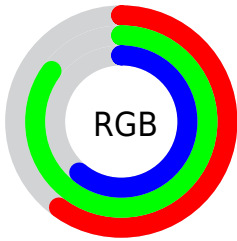
Format	Color
RYB	154, 215, 217
Decimal	10148252
CIELab	81.23, -31.92, 23.80
CIElCh	81, 39.814, 143.285
Yxy	58.8960, 0.3075, 0.4103
Android (android.graphics.Color)	4288338332 (0xFF9AD99C)
YUV	191.2090, -17.3580, -32.6323
Hunter-Lab	76.7437, -31.6360, 22.4253

Details

The Yxy color **58.8960, 0.3075, 0.4103** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.7625, 0.3179, 0.2593**, and the grayscale version is **52.3390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9248, 0.3099, 0.3761**, and **29.6068, 0.3052, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **56.3074, 0.3056, 0.4440**, and if you desaturate by 10%, it is **61.9974, 0.3094, 0.3792**.

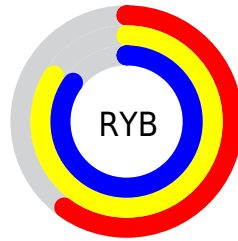
Distribution



Red (60%)

Green (85%)

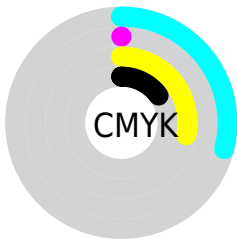
Blue (61%)



Red (60%)

Yellow (84%)

Blue (85%)

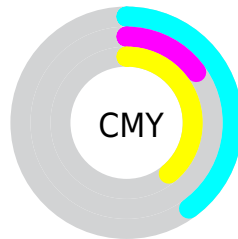


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (15%)



Cyan (40%)


Magenta (15%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8960, 0.3075, 0.4103 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 58.8960, 0.3075, 0.4103 by changing the saturation by 10% instead.


 58.8960, 0.3075,
0.4103

 58.8960, 0.3075,
0.4103


420.5164, 0.3110,
0.3694

 42.5294, 0.3063,
0.4206


 103.2265, 0.3090,
0.3954

 29.5161, 0.3047,
0.4337


 131.9592, 0.3095,
0.3898

 19.4716, 0.3022,
0.4512


165.5827, 0.3099,
0.3851

 12.0115, 0.2983,
0.4755

204.4814, 0.3102,
0.3810

 6.7515, 0.2914,
0.5113

249.0398, 0.3105,
0.3775

 3.3072, 0.2778,
0.5683

299.6421, 0.3107,

 1.2941, 0.2375,

0.3745

0.7625

356.6729, 0.3109,
0.3718

0.1367, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.8960, 0.3075,
0.4103

58.8960, 0.3075,
0.4103

56.3074, 0.3056,
0.4440

61.9974, 0.3094,
0.3792

54.1970, 0.3037,
0.4790

65.6293, 0.3112,
0.3513

52.5378, 0.3020,
0.5135

69.8174, 0.3129,
0.3268

51.2969, 0.3007,
0.5448

74.5838, 0.3144,
0.3055

■ 50.4370, 0.2999,
0.5704

■ 78.1086, 0.3145,
0.2920

■ 49.9142, 0.2996,
0.5882

■ 49.6619, 0.2996,
0.5977

■ 49.6441, 0.2995,
0.5983

Harmonies

Analogous

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



58.8960, 0.3579, 0.4223



58.8960, 0.3075, 0.4103



58.8960, 0.2609, 0.3695

Triad

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



58.8960, 0.3075, 0.4103



58.8960, 0.2313, 0.2516



58.8960, 0.4030, 0.3299

Complementary

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



58.8960, 0.3075, 0.4103



42.7625, 0.3179, 0.2593

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.



58.8960, 0.3634, 0.2917



58.8960, 0.3075, 0.4103



58.8960, 0.2634, 0.2482

Square

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



58.8960, 0.3075, 0.4103



58.8960, 0.2195, 0.2752



58.8960, 0.3112, 0.2627



58.8960, 0.4155, 0.3704

Rectangle

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



58.8960, 0.3075, 0.4103



58.8960, 0.2378, 0.3347



58.8960, 0.3112, 0.2627



58.8960, 0.3922, 0.3165

Sweetspot

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



58.8985, 0.3075, 0.4103



94.5557, 0.3112, 0.3514



66.5533, 0.3555, 0.4014



20.0639, 0.3109, 0.3553



0.0000, 0.0000, 0.0000



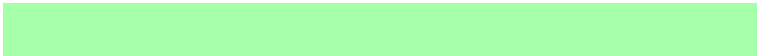
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8985, 0.3075, 0.4103



82.4515, 0.3063, 0.4312



60.0655, 0.2887, 0.3685



14.6131, 0.3111, 0.3524



30.0531, 0.2994, 0.5978



1.9495, 0.2975, 0.5911

Inverse Universe

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



42.7625, 0.3179, 0.2593



55.4761, 0.3191, 0.2444



41.3378, 0.3461, 0.2928



13.2672, 0.3143, 0.3067



11.7482, 0.3292, 0.1587



0.7635, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 58.8960, 0.3075, 0.4103 looks on a white background.

Color Contrast Check

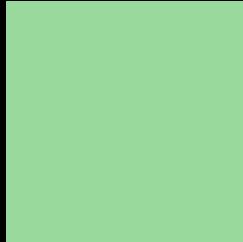
Large Text (above 18pt) WCAG AA × Fail

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 58.8960, 0.3075, 0.4103 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 58.8960, 0.3075, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 58.8960, 0.3075, 0.4103.

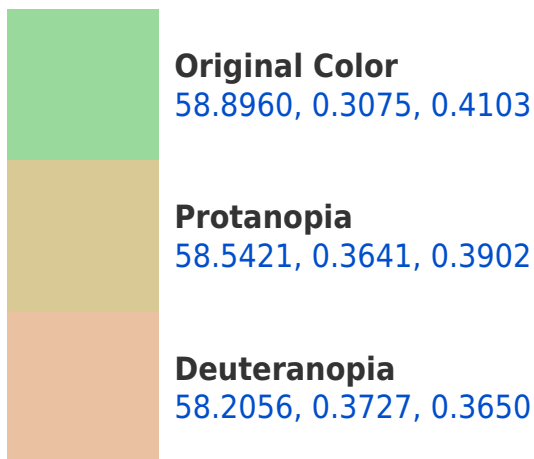


This preview shows how white text looks on a background with the Yxy color 58.8960, 0.3075, 0.4103.

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

58.7635, 0.2731, 0.3082

Trichromacy



Original Color

58.8960, 0.3075, 0.4103

Protanomaly

58.2301, 0.3411, 0.3974

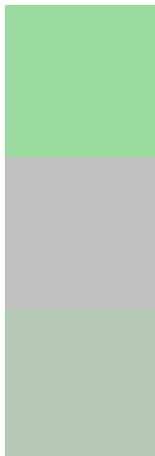
Deuteranomaly

57.7234, 0.3470, 0.3811

Tritanomaly

58.4400, 0.2853, 0.3429

Monochromacy



Original Color

58.8960, 0.3075, 0.4103

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.9879, 0.3114, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8960, 0.3075, 0.4103 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(154, 217, 156)` looks like.

```
.text, #text, p{  
    color:rgb(154, 217, 156)  
}
```

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(154, 217, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 217, 156) }
```

Border

The CSS property to change the border of an element to Yxy 58.8960, 0.3075, 0.4103 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(154, 217, 156) }
```

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

```
.border{ border-color:rgb(154, 217, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 217, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 217, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 217, 156);  
box-shadow:4px 4px 4px 4px rgb(154, 217,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8960, 0.3075, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 217, 156) }
```

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

```
.background{ background-color: rgb(154,  
217, 156) }
```

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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