

Converting Colors

$Yxy(52.9345, 0.3110, 0.4027)$

Have a look what the booklet for
Yxy(52.9345, 0.3110, 0.4027)
contains.

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Color

Yxy(52.7997, 0.3108, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	9ACD98
RGB	154, 205, 152
RGB Percent	60%, 80%, 60%
CMY	0.3959, 0.1961, 0.4039
CMYK	0.25, 0.00, 0.26, 0.20
HSL	118°, 35%, 70%
HSV	118°, 26%, 80%
XYZ	40.8314, 52.7997, 37.7441
YIQ	183.7090, -13.3830, -27.2950

Conversions

Conversions Part 2

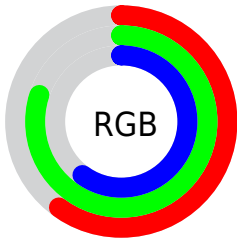
Format	Color
RYB	152, 205, 203
Decimal	10145176
CIELab	77.76, -26.85, 21.15
CIELCh	78, 34.183, 141.767
Yxy	52.7997, 0.3108, 0.4019
Android (android.graphics.Color)	4288335256 (0xFF9ACD98)
YUV	183.7090, -15.6325, -26.0548
Hunter-Lab	72.6634, -26.8573, 20.0669

Details

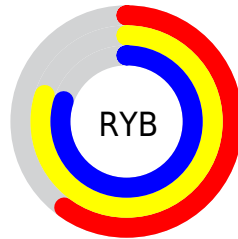
The Yxy color **52.7997, 0.3108, 0.4019** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.5533, 0.3138, 0.2649**, and the grayscale version is **47.8629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5315, 0.3121, 0.3817**, and **25.8395, 0.3083, 0.4241** is the 20% darker color. If you saturate the color by 10%, you get **50.4089, 0.3097, 0.4355**, and if you desaturate by 10%, it is **55.6286, 0.3117, 0.3711**.

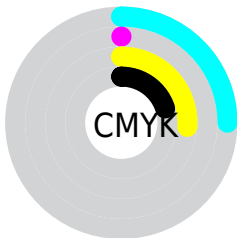
Distribution



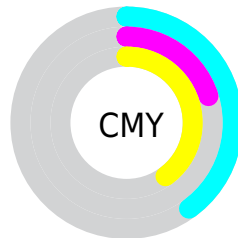
- Red (60%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7997, 0.3108, 0.4019 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 52.7997, 0.3108, 0.4019 by changing the saturation by 10% instead.


 52.7997, 0.3108,
0.4019


 52.7997, 0.3108,
0.4019


397.5162, 0.3126,
0.3647

 37.6429, 0.3101,
0.4114


 94.3096, 0.3116,
0.3882

 25.7056, 0.3090,
0.4237


 121.4314, 0.3119,
0.3831

 16.6036, 0.3074,
0.4402


153.3104, 0.3121,
0.3788

 9.9522, 0.3045,
0.4635

190.3309, 0.3122,
0.3752

 5.3673, 0.2990,
0.4987

232.8774, 0.3123,
0.3720

 2.4643, 0.2889,
0.5606

281.3341, 0.3124,


 0.8587, 0.1576,


0.3693


0.8424


336.0856, 0.3125,
0.3668

 0.0000, 0.0000,
0.0000


 52.7997, 0.3108,
0.4019


 52.7997, 0.3108,
0.4019


 50.4089, 0.3097,
0.4355


 55.6286, 0.3117,
0.3711


 48.4279, 0.3084,
0.4708


 58.9089, 0.3124,
0.3435

 46.8359, 0.3069,
0.5059

 62.6615, 0.3129,
0.3194

 45.6071, 0.3053,
0.5385

 66.9040, 0.3133,
0.2984

 44.7130, 0.3036,
0.5657

 71.6532, 0.3136,
0.2803

■ 44.1206, 0.3021,
0.5854

■ 72.1405, 0.3150,
0.2801

■ 43.7900, 0.3009,
0.5965

■ 43.7115, 0.3007,
0.5994

Harmonies

Analogous

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



52.7997, 0.3556, 0.4117



52.7997, 0.3108, 0.4019



52.7997, 0.2684, 0.3671

Triad

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



52.7997, 0.3108, 0.4019



52.7997, 0.2385, 0.2603



52.7997, 0.3917, 0.3284

Complementary

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



52.7997, 0.3108, 0.4019



39.5533, 0.3138, 0.2649

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.



52.7997, 0.3557, 0.2941



52.7997, 0.3108, 0.4019



52.7997, 0.2669, 0.2559

Square

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



52.7997, 0.3108, 0.4019



52.7997, 0.2288, 0.2829



52.7997, 0.3093, 0.2683



52.7997, 0.4044, 0.3651

Rectangle

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



52.7997, 0.3108, 0.4019



52.7997, 0.2470, 0.3368



52.7997, 0.3093, 0.2683



52.7997, 0.3818, 0.3164

Sweetspot

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



52.8019, 0.3108, 0.4019



95.2233, 0.3122, 0.3494



57.6489, 0.3522, 0.3901



20.2016, 0.3121, 0.3535



0.0000, 0.0000, 0.0000



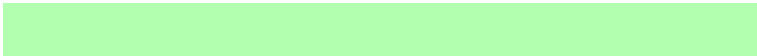
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8019, 0.3108, 0.4019



84.2365, 0.3102, 0.4202



53.4644, 0.2935, 0.3684



12.5573, 0.3122, 0.3529



27.2229, 0.3009, 0.5993



1.4118, 0.3042, 0.5967

Inverse Universe

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



39.5533, 0.3138, 0.2649



58.9368, 0.3139, 0.2511



38.7771, 0.3379, 0.2928



11.3808, 0.3132, 0.3061



10.1509, 0.3114, 0.1489



0.5307, 0.3133, 0.1500

Previews

White Background



This preview shows how the Yxy color 52.7997, 0.3108, 0.4019 looks on a white background.

Color Contrast Check

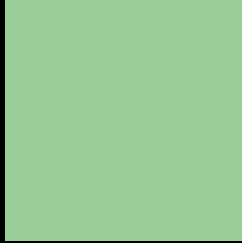
Large Text (above 18pt) WCAG AA × Fail

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 52.7997, 0.3108, 0.4019 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 52.7997, 0.3108, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 52.7997, 0.3108, 0.4019.



This preview shows how white text looks on a background with the Yxy color 52.7997, 0.3108, 0.4019.

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

52.7997, 0.3108, 0.4019

Protanopia

52.3161, 0.3602, 0.3846

Deuteranopia

52.2109, 0.3694, 0.3621



Tritanopia

52.7359, 0.2780, 0.3087

Trichromacy



Original Color

52.7997, 0.3108, 0.4019



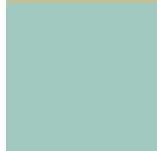
Protanomaly

52.0571, 0.3407, 0.3912



Deuteranomaly

51.9361, 0.3457, 0.3757



Tritanomaly

52.6472, 0.2897, 0.3408

Monochromacy



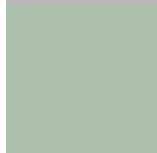
Original Color

52.7997, 0.3108, 0.4019



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.5621, 0.3123, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7997, 0.3108, 0.4019 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, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(154, 205, 152)  
}
```

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, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 205, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.7997, 0.3108, 0.4019 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, 205, 152) }
```

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

```
.border{ border-color:rgb(154, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(154, 205,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7997, 0.3108, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 205, 152) }
```

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

```
.background{ background-color: rgb(154,  
205, 152) }
```

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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