

Converting Colors

Yxy(63.9353, 0.2982, 0.4031)

Have a look what the booklet for
Yxy(63.9353, 0.2982, 0.4031)
contains.

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Color

Yxy(63.9327, 0.2982, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	98E2A9
RGB	152, 226, 169
RGB Percent	60%, 89%, 66%
CMY	0.4040, 0.1137, 0.3371
CMYK	0.33, 0.00, 0.25, 0.11
HSL	134°, 56%, 74%
HSV	134°, 33%, 89%
XYZ	47.3070, 63.9327, 47.4022
YIQ	197.3760, -25.8070, -33.4150

Conversions

Conversions Part 2

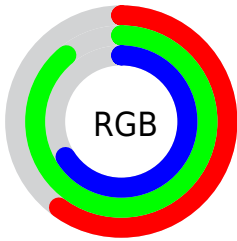
Format	Color
RYB	152, 212, 226
Decimal	10019497
CIELab	83.93, -34.49, 20.71
CIELCh	84, 40.231, 149.011
Yxy	63.9327, 0.2982, 0.4030
Android (android.graphics.Color)	4288209577 (0xFF98E2A9)
YUV	197.3760, -13.9894, -39.7948
Hunter-Lab	79.9579, -34.3170, 20.8211

Details

The Yxy color **63.9327, 0.2982, 0.4030** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2213, 0.3317, 0.2650**, and the grayscale version is **56.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3117, 0.3015, 0.3619**, and **32.6305, 0.2931, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **61.3481, 0.2944, 0.4306**, and if you desaturate by 10%, it is **67.0250, 0.3025, 0.3776**.

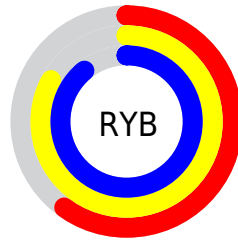
Distribution



Red (60%)

Green (89%)

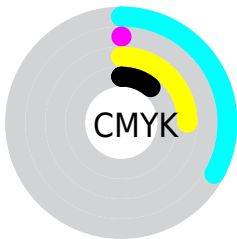
Blue (66%)



Red (60%)

Yellow (83%)

Blue (89%)

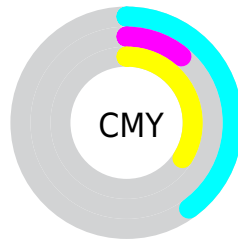


Cyan (33%)

Magenta (0%)

Yellow (25%)

Black (11%)



Cyan (40%)


Magenta (11%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9327, 0.2982, 0.4030 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 63.9327, 0.2982, 0.4030 by changing the saturation by 10% instead.


 63.9327, 0.2982,
0.4030


 63.9327, 0.2982,
0.4030


438.9466, 0.3059,
0.3663

 46.5962, 0.2961,
0.4121


 110.5140, 0.3011,
0.3897

 32.7165, 0.2934,
0.4236


 140.5276, 0.3022,
0.3847

 21.9094, 0.2897,
0.4389


175.5356, 0.3031,
0.3805

 13.7903, 0.2843,
0.4598

215.9225, 0.3038,
0.3768

 7.9750, 0.2760,
0.4903

262.0726, 0.3045,
0.3737

 4.0789, 0.2615,
0.5382

314.3704, 0.3050,

 1.7178, 0.2425,

0.3709

0.6677

373.2003, 0.3055,
0.3684

■ 0.4352, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9327, 0.2982,
0.4030

■ 63.9327, 0.2982,
0.4030

■ 61.3481, 0.2944,
0.4306

■ 67.0250, 0.3025,
0.3776

■ 59.2362, 0.2914,
0.4596

■ 70.6419, 0.3069,
0.3546

■ 57.5699, 0.2894,
0.4889

■ 74.8096, 0.3115,
0.3342

■ 56.3161, 0.2887,
0.5172

■ 79.5499, 0.3159,
0.3162

■ 55.4369, 0.2894,
0.5428

■ 82.8755, 0.3140,
0.3009

■ 54.8871, 0.2915,
0.5641

■ 54.6442, 0.2934,
0.5764

Harmonies

Analogous

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



63.9327, 0.3481, 0.4209



63.9327, 0.2982, 0.4030



63.9327, 0.2544, 0.3592

Triad

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



63.9327, 0.2982, 0.4030



63.9327, 0.2371, 0.2507



63.9327, 0.4061, 0.3376

Complementary

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



63.9327, 0.2982, 0.4030



43.2213, 0.3317, 0.2650

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.



63.9327, 0.3715, 0.2990



63.9327, 0.2982, 0.4030



63.9327, 0.2723, 0.2508

Square

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



63.9327, 0.2982, 0.4030



63.9327, 0.2214, 0.2701



63.9327, 0.3212, 0.2682



63.9327, 0.4127, 0.3772

Rectangle

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



63.9327, 0.2982, 0.4030



63.9327, 0.2341, 0.3250



63.9327, 0.3212, 0.2682



63.9327, 0.3973, 0.3243

Sweetspot

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



63.9354, 0.2982, 0.4030



94.2803, 0.3082, 0.3489



70.3587, 0.3497, 0.4140



20.0207, 0.3075, 0.3519



0.0000, 0.0000, 0.0000



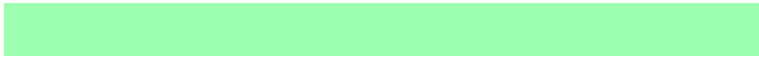
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9354, 0.2982, 0.4030



81.7763, 0.2957, 0.4207



65.4786, 0.2775, 0.3552



15.3887, 0.3084, 0.3475



31.1880, 0.2928, 0.5740



2.1754, 0.2846, 0.5447

Inverse Universe

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



43.2213, 0.3317, 0.2650



50.7170, 0.3365, 0.2524



41.6359, 0.3668, 0.3046



13.8788, 0.3173, 0.3111



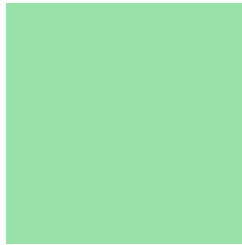
10.9849, 0.3891, 0.1917



0.7747, 0.3765, 0.1847

Previews

White Background



This preview shows how the Yxy color 63.9327, 0.2982, 0.4030 looks on a white background.

Color Contrast Check

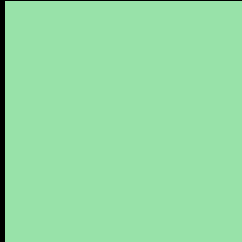
Large Text (above 18pt) WCAG AA × Fail

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 63.9327, 0.2982, 0.4030 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 63.9327, 0.2982, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 63.9327, 0.2982, 0.4030.



This preview shows how white text looks on a background with the Yxy color 63.9327, 0.2982, 0.4030.

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

63.9327, 0.2982, 0.4030

Protanopia

63.2146, 0.3580, 0.3828

Deuteranopia

62.9290, 0.3643, 0.3564



Tritanopia

63.6232, 0.2674, 0.3075

Trichromacy



Original Color

63.9327, 0.2982, 0.4030



Protanomaly

63.1515, 0.3342, 0.3907



Deuteranomaly

62.0280, 0.3376, 0.3716



Tritanomaly

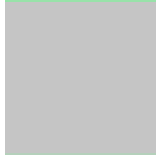
63.3631, 0.2782, 0.3400

Monochromacy



Original Color

63.9327, 0.2982, 0.4030



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.5234, 0.3070, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9327, 0.2982, 0.4030 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(152, 226, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 169)  
}
```

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(152, 226, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 169) }
```

Border

The CSS property to change the border of an element to Yxy 63.9327, 0.2982, 0.4030 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(152, 226, 169) }
```

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

```
.border{ border-color:rgb(152, 226, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9327, 0.2982, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 169) }
```

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

```
.background{ background-color: rgb(152,  
226, 169) }
```

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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