

Converting Colors

Yxy(55.2264, 0.3065, 0.4171)

Have a look what the booklet for
Yxy(55.2264, 0.3065, 0.4171)
contains.

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Color

Yxy(55.2448, 0.3065, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	91D494
RGB	145, 212, 148
RGB Percent	57%, 83%, 58%
CMY	0.4313, 0.1686, 0.4196
CMYK	0.32, 0.00, 0.30, 0.17
HSL	123°, 44%, 70%
HSV	123°, 32%, 83%
XYZ	40.5667, 55.2448, 36.5431
YIQ	184.6710, -19.3880, -34.1080

Conversions

Conversions Part 2

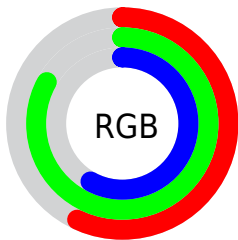
Format	Color
RYB	145, 209, 212
Decimal	9557140
CIELab	79.18, -33.81, 25.12
CIELCh	79, 42.121, 143.392
Yxy	55.2448, 0.3065, 0.4174
Android (android.graphics.Color)	4287747220 (0xFF91D494)
YUV	184.6710, -18.0788, -34.7915
Hunter-Lab	74.3268, -32.6489, 22.8786

Details

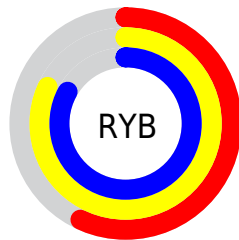
The Yxy color **55.2448, 0.3065, 0.4174** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8540, 0.3191, 0.2541**, and the grayscale version is **48.4356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2018, 0.3094, 0.3870**, and **27.2523, 0.3031, 0.4434** is the 20% darker color. If you saturate the color by 10%, you get **52.9112, 0.3045, 0.4511**, and if you desaturate by 10%, it is **58.0546, 0.3086, 0.3860**.

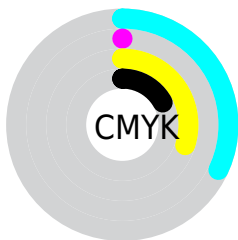
Distribution



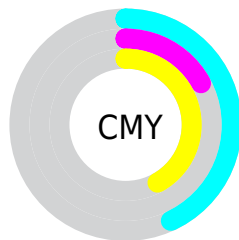
- Red (57%)
- Green (83%)
- Blue (58%)



- Red (57%)
- Yellow (82%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2448, 0.3065, 0.4174 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 55.2448, 0.3065, 0.4174 by changing the saturation by 10% instead.


 55.2448, 0.3065,
0.4174


 55.2448, 0.3065,
0.4174

406.8392, 0.3107,
0.3723

 39.5978, 0.3051,
0.4289


 97.8995, 0.3083,
0.4008

 27.2251, 0.3030,
0.4438


 125.6760, 0.3089,
0.3946

 17.7423, 0.3000,
0.4637


158.2644, 0.3094,
0.3894

 10.7651, 0.2950,
0.4916

196.0491, 0.3098,
0.3850

 5.9091, 0.2861,
0.5333

239.4146, 0.3101,
0.3812

 2.7899, 0.2710,
0.6078

288.7452, 0.3103,

 1.0231, 0.1209,

0.3778

0.8791

344.4252, 0.3106,
0.3749

0.0000, 0.0000,
0.0000

55.2448, 0.3065,
0.4174

55.2448, 0.3065,
0.4174

52.9112, 0.3045,
0.4511

58.0546, 0.3086,
0.3860

51.0210, 0.3026,
0.4858

61.3575, 0.3106,
0.3577

49.5480, 0.3010,
0.5195

65.1782, 0.3124,
0.3327

48.4608, 0.2998,
0.5497

69.5375, 0.3141,
0.3109

47.7232, 0.2992,
0.5738

74.4553, 0.3157,
0.2921

■ 47.2921, 0.2992,
0.5901

■ 75.5685, 0.3147,
0.2871

■ 47.1093, 0.2993,
0.5976

Harmonies

Analogous

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



55.2448, 0.3608, 0.4301



55.2448, 0.3065, 0.4174



55.2448, 0.2565, 0.3727

Triad

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



55.2448, 0.3065, 0.4174



55.2448, 0.2254, 0.2457



55.2448, 0.4104, 0.3296

Complementary

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



55.2448, 0.3065, 0.4174



38.8540, 0.3191, 0.2541

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.



55.2448, 0.3676, 0.2890



55.2448, 0.3065, 0.4174



55.2448, 0.2597, 0.2424

Square

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



55.2448, 0.3065, 0.4174



55.2448, 0.2127, 0.2705



55.2448, 0.3111, 0.2581



55.2448, 0.4237, 0.3730

Rectangle

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



55.2448, 0.3065, 0.4174



55.2448, 0.2320, 0.3347



55.2448, 0.3111, 0.2581



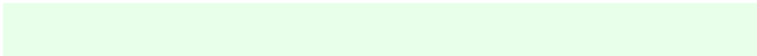
55.2448, 0.3989, 0.3154

Sweetspot

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



55.2471, 0.3065, 0.4174



94.5718, 0.3110, 0.3511



62.8010, 0.3583, 0.4079



20.0678, 0.3108, 0.3550



0.0000, 0.0000, 0.0000



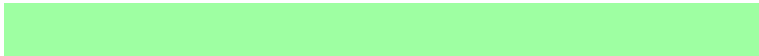
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2471, 0.3065, 0.4174



81.4234, 0.3051, 0.4401



56.4343, 0.2862, 0.3709



13.9049, 0.3110, 0.3520



29.0859, 0.2991, 0.5969



1.7576, 0.2965, 0.5872

Inverse Universe

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



38.8540, 0.3191, 0.2541



52.6917, 0.3206, 0.2385



37.3957, 0.3510, 0.2908



12.6227, 0.3145, 0.3070



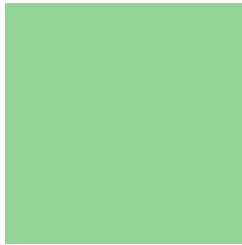
11.2928, 0.3324, 0.1605



0.6842, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 55.2448, 0.3065, 0.4174 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 55.2448, 0.3065, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

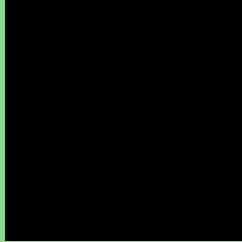
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2448, 0.3065, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 55.2448, 0.3065, 0.4174.



This preview shows how white text looks on a background with the Yxy color 55.2448, 0.3065, 0.4174.

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
Protanopia
Deuteranopia

55.2448, 0.3065, 0.4174
54.6549, 0.3672, 0.3943
54.3345, 0.3762, 0.3682



Tritanopia

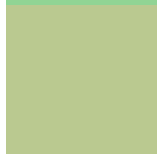
55.0954, 0.2703, 0.3087

Trichromacy



Original Color

55.2448, 0.3065, 0.4174



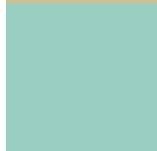
Protanomaly

54.2260, 0.3425, 0.4022



Deuteranomaly

53.7200, 0.3487, 0.3853



Tritanomaly

54.7652, 0.2833, 0.3460

Monochromacy



Original Color

55.2448, 0.3065, 0.4174



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.5548, 0.3097, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2448, 0.3065, 0.4174 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(145, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 148)  
}
```

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(145, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.2448, 0.3065, 0.4174 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(145, 212, 148) }
```

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

```
.border{ border-color:rgb(145, 212, 148) }
```

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

Here you see how a box with a 4 pixel rgb(145, 212, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2448, 0.3065, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 148) }
```

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

```
.background{ background-color: rgb(145,  
212, 148) }
```

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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