

Converting Colors

$Yxy(55.7676, 0.3046, 0.4073)$

Have a look what the booklet for
Yxy(55.7676, 0.3046, 0.4073)
contains.

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Color

Yxy(55.7494, 0.3042, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	94D49B
RGB	148, 212, 155
RGB Percent	58%, 83%, 61%
CMY	0.4195, 0.1686, 0.3921
CMYK	0.30, 0.00, 0.27, 0.17
HSL	127°, 43%, 71%
HSV	127°, 30%, 83%
XYZ	41.6785, 55.7494, 39.5822
YIQ	186.3660, -19.8470, -31.2950

Conversions

Conversions Part 2

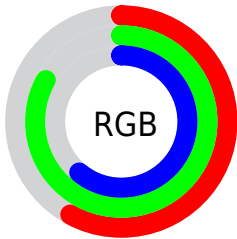
Format	Color
RYB	148, 206, 212
Decimal	9753755
CIELab	79.47, -31.65, 21.87
CIELCh	79, 38.468, 145.360
Yxy	55.7494, 0.3042, 0.4069
Android (android.graphics.Color)	4287943835 (0xFF94D49B)
YUV	186.3660, -15.4634, -33.6470
Hunter-Lab	74.6655, -31.0256, 20.8346

Details

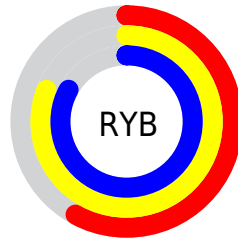
The Yxy color **55.7494, 0.3042, 0.4069** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.5960, 0.3225, 0.2619**, and the grayscale version is **49.4214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8697, 0.3062, 0.3778**, and **27.5261, 0.3009, 0.4309** is the 20% darker color. If you saturate the color by 10%, you get **53.3662, 0.3015, 0.4382**, and if you desaturate by 10%, it is **58.5986, 0.3070, 0.3781**.

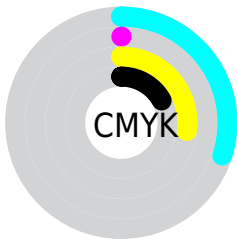
Distribution



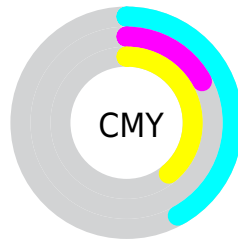
- Red (58%)
- Green (83%)
- Blue (61%)



- Red (58%)
- Yellow (81%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)




- Cyan (42%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7494, 0.3042, 0.4069 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 55.7494, 0.3042, 0.4069 by changing the saturation by 10% instead.


 55.7494, 0.3042,
0.4069

 55.7494, 0.3042,
0.4069

408.7464, 0.3093,
0.3673

 40.0020, 0.3027,
0.4169


 98.6381, 0.3062,
0.3924

 27.5401, 0.3006,
0.4299


 126.5482, 0.3069,
0.3870

 17.9793, 0.2975,
0.4472


159.2813, 0.3075,
0.3824

 10.9351, 0.2928,
0.4716

197.2219, 0.3080,
0.3785

 6.0232, 0.2847,
0.5080

240.7543, 0.3084,
0.3752

 2.8592, 0.2693,
0.5681

290.2629, 0.3087,

 1.0587, 0.1746,

0.3722

0.8254

346.1322, 0.3090,
0.3696


 0.0000, 0.0000,
0.0000


 55.7494, 0.3042,
0.4069


 55.7494, 0.3042,
0.4069


 53.3662, 0.3015,
0.4382


 58.5986, 0.3070,
0.3781


 51.4175, 0.2992,
0.4709


 61.9294, 0.3099,
0.3522


 49.8791, 0.2974,
0.5035

 65.7652, 0.3127,
0.3294

 48.7214, 0.2964,
0.5341

 70.1257, 0.3153,
0.3094

 47.9109, 0.2962,
0.5603

 75.0299, 0.3178,
0.2922

■ 47.4080, 0.2969,
0.5802

■ 75.5653, 0.3147,
0.2871

■ 47.1477, 0.2980,
0.5929

Harmonies

Analogous

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



55.7494, 0.3540, 0.4210



55.7494, 0.3042, 0.4069



55.7494, 0.2590, 0.3654

Triad

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



55.7494, 0.3042, 0.4069



55.7494, 0.2340, 0.2519



55.7494, 0.4033, 0.3327

Complementary

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



55.7494, 0.3042, 0.4069



39.5960, 0.3225, 0.2619

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.



55.7494, 0.3659, 0.2947



55.7494, 0.3042, 0.4069



55.7494, 0.2671, 0.2498

Square

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



55.7494, 0.3042, 0.4069



55.7494, 0.2209, 0.2738



55.7494, 0.3149, 0.2653



55.7494, 0.4136, 0.3726

Rectangle

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



55.7494, 0.3042, 0.4069



55.7494, 0.2371, 0.3312



55.7494, 0.3149, 0.2653



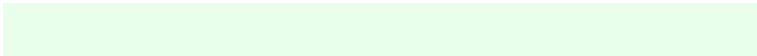
55.7494, 0.3934, 0.3195

Sweetspot

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



55.7517, 0.3042, 0.4069



94.6567, 0.3102, 0.3496



62.2892, 0.3528, 0.4052



20.0885, 0.3098, 0.3532



0.0000, 0.0000, 0.0000



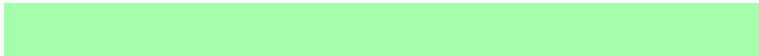
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7517, 0.3042, 0.4069



82.3535, 0.3025, 0.4261



56.9473, 0.2846, 0.3629



13.9178, 0.3101, 0.3504



29.1150, 0.2977, 0.5916



1.7637, 0.2916, 0.5698

Inverse Universe

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



39.5960, 0.3225, 0.2619



54.1166, 0.3249, 0.2482



38.2288, 0.3531, 0.2977



12.6083, 0.3154, 0.3085



10.9145, 0.3503, 0.1703



0.6651, 0.3446, 0.1672

Previews

White Background



This preview shows how the Yxy color 55.7494, 0.3042, 0.4069 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 55.7494, 0.3042, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

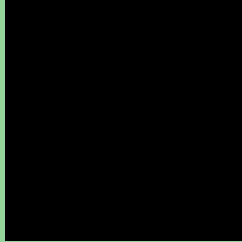
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7494, 0.3042, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 55.7494, 0.3042, 0.4069.

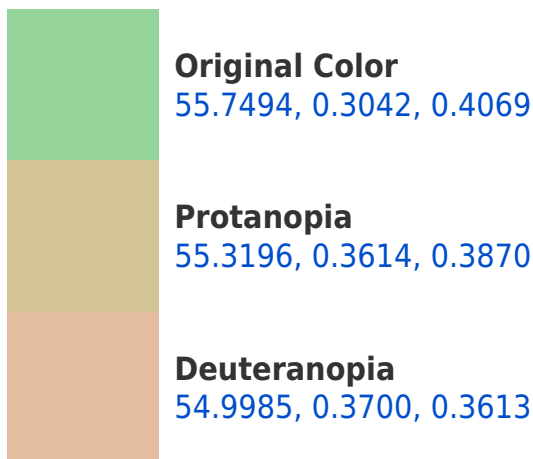


This preview shows how white text looks on a background with the Yxy color 55.7494, 0.3042, 0.4069.

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

55.8266, 0.2712, 0.3089

Trichromacy



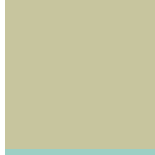
Original Color

55.7494, 0.3042, 0.4069



Protanomaly

55.0402, 0.3380, 0.3941



Deuteranomaly

54.5432, 0.3439, 0.3775



Tritanomaly

55.6791, 0.2835, 0.3432

Monochromacy



Original Color

55.7494, 0.3042, 0.4069



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

50.8960, 0.3091, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7494, 0.3042, 0.4069 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(148, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(148, 212, 155)  
}
```

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(148, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 212, 155) }
```

Border

The CSS property to change the border of an element to Yxy 55.7494, 0.3042, 0.4069 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(148, 212, 155) }
```

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

```
.border{ border-color:rgb(148, 212, 155) }
```

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

Here you see how a box with a 4 pixel rgb(148, 212, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 212,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7494, 0.3042, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 212, 155) }
```

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

```
.background{ background-color: rgb(148,  
212, 155) }
```

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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