

Converting Colors

$Yxy(53.8919, 0.3091, 0.3982)$

Have a look what the booklet for
Yxy(53.8919, 0.3091, 0.3982)
contains.

Yxy(53.9945, 0.3087, 0.3985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9945, 0.3087, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	9BCF9C
RGB	155, 207, 156
RGB Percent	61%, 81%, 61%
CMY	0.3923, 0.1882, 0.3882
CMYK	0.25, 0.00, 0.25, 0.19
HSL	121°, 35%, 71%
HSV	121°, 25%, 81%
XYZ	41.8271, 53.9945, 39.6727
YIQ	185.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

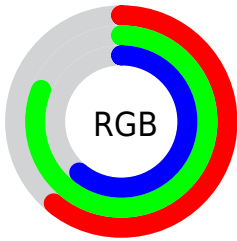
Format	Color
RYB	155, 206, 207
Decimal	10211228
CIELab	78.46, -26.83, 20.01
CIELCh	78, 33.474, 143.286
Yxy	53.9945, 0.3087, 0.3985
Android (android.graphics.Color)	4288401308 (0xFF9BCF9C)
YUV	185.6380, -14.6115, -26.8695
Hunter-Lab	73.4809, -26.9852, 19.4257

Details

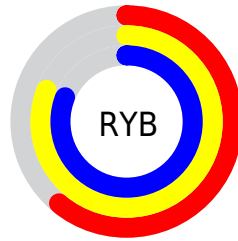
The Yxy color **53.9945, 0.3087, 0.3985** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.1544, 0.3165, 0.2681**, and the grayscale version is **48.9772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9248, 0.3099, 0.3761**, and **26.3012, 0.3057, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **51.4907, 0.3069, 0.4316**, and if you desaturate by 10%, it is **56.9687, 0.3104, 0.3683**.

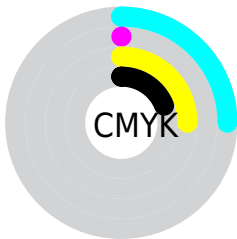
Distribution



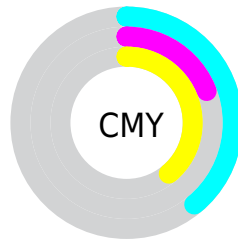
- Red (61%)
- Green (81%)
- Blue (61%)



- Red (61%)
- Yellow (81%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)




- Cyan (39%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9945, 0.3087, 0.3985 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 53.9945, 0.3087, 0.3985 by changing the saturation by 10% instead.


 53.9945, 0.3087,
0.3985

 53.9945, 0.3087,
0.3985


402.0890, 0.3114,
0.3632

 38.5973, 0.3078,
0.4075

 96.0662, 0.3099,
0.3855

 26.4466, 0.3065,
0.4191

 123.5094, 0.3102,
0.3807

 17.1580, 0.3046,
0.4346


155.7367, 0.3105,
0.3767

 10.3472, 0.3014,
0.4564

193.1326, 0.3108,
0.3732

 5.6298, 0.2958,
0.4893

236.0814, 0.3110,
0.3702

 2.6213, 0.2845,
0.5441

284.9674, 0.3112,

 0.9374, 0.2004,

0.3675

0.7996

340.1752, 0.3113,
0.3652

0.0000, 0.0000,
0.0000

53.9945, 0.3087,
0.3985

53.9945, 0.3087,
0.3985

51.4907, 0.3069,
0.4316

56.9687, 0.3104,
0.3683

49.4269, 0.3051,
0.4666

60.4285, 0.3120,
0.3415

47.7797, 0.3034,
0.5017

64.3966, 0.3134,
0.3180

46.5208, 0.3019,
0.5346

68.8925, 0.3146,
0.2977

45.6183, 0.3007,
0.5626

73.1106, 0.3149,
0.2821

■ 45.0354, 0.3000,
0.5833

■ 44.7273, 0.2998,
0.5955

■ 44.6397, 0.2997,
0.5989

Harmonies

Analogous

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



53.9945, 0.3525, 0.4095



53.9945, 0.3087, 0.3985



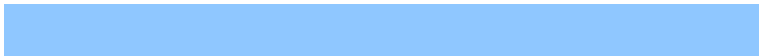
53.9945, 0.2678, 0.3639

Triad

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



53.9945, 0.3087, 0.3985



53.9945, 0.2414, 0.2615



53.9945, 0.3907, 0.3304

Complementary

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



53.9945, 0.3087, 0.3985



41.1544, 0.3165, 0.2681

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.



53.9945, 0.3567, 0.2966



53.9945, 0.3087, 0.3985



53.9945, 0.2700, 0.2580

Square

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



53.9945, 0.3087, 0.3985



53.9945, 0.2310, 0.2827



53.9945, 0.3117, 0.2708



53.9945, 0.4018, 0.3660

Rectangle

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



53.9945, 0.3087, 0.3985



53.9945, 0.2475, 0.3344



53.9945, 0.3117, 0.2708



53.9945, 0.3814, 0.3186

Sweetspot

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



53.9968, 0.3087, 0.3985



95.1127, 0.3115, 0.3491



60.1385, 0.3497, 0.3914



20.1740, 0.3113, 0.3531



0.0000, 0.0000, 0.0000



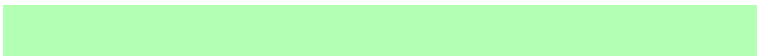
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9968, 0.3087, 0.3985



84.3406, 0.3078, 0.4155



54.9677, 0.2918, 0.3624



13.2100, 0.3113, 0.3525



28.1235, 0.2996, 0.5986



1.5739, 0.2983, 0.5939

Inverse Universe

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



41.1544, 0.3165, 0.2681



60.4222, 0.3174, 0.2555



39.9998, 0.3404, 0.2979



12.0048, 0.3141, 0.3065



11.0723, 0.3259, 0.1569



0.6204, 0.3249, 0.1564

Previews

White Background



This preview shows how the Yxy color 53.9945, 0.3087, 0.3985 looks on a white background.

Color Contrast Check

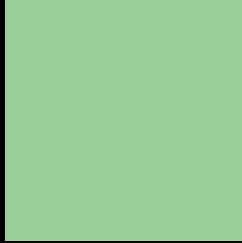
Large Text (above 18pt) WCAG AA × Fail

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 53.9945, 0.3087, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

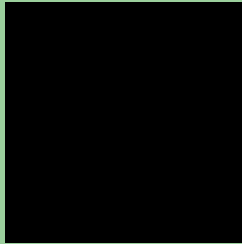
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9945, 0.3087, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 53.9945, 0.3087, 0.3985.

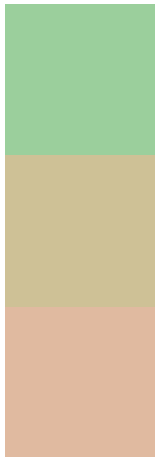


This preview shows how white text looks on a background with the Yxy color 53.9945, 0.3087, 0.3985.

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

53.9945, 0.3087, 0.3985

Protanopia

53.4637, 0.3573, 0.3818

Deuteranopia

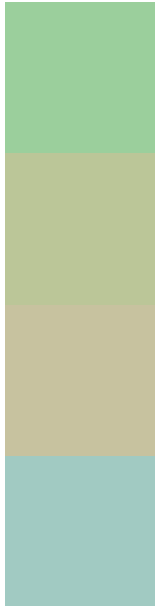
53.5032, 0.3671, 0.3594



Tritanopia

53.7525, 0.2769, 0.3088

Trichromacy



Original Color

53.9945, 0.3087, 0.3985

Protanomaly

53.2200, 0.3381, 0.3882

Deuteranomaly

53.2289, 0.3438, 0.3727

Tritanomaly

53.7132, 0.2878, 0.3394

Monochromacy



Original Color

53.9945, 0.3087, 0.3985

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.7927, 0.3115, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9945, 0.3087, 0.3985 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(155, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 207, 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(155, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 207, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.9945, 0.3087, 0.3985 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(155, 207, 156) }
```

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

```
.border{ border-color:rgb(155, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 207,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9945, 0.3087, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 207, 156) }
```

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

```
.background{ background-color: rgb(155,  
207, 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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