

Converting Colors

$Yxy(50.4003, 0.2963, 0.3747)$

Have a look what the booklet for
Yxy(50.4003, 0.2963, 0.3747)
contains.

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Color

Yxy(50.3945, 0.2964, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	94C8A7
RGB	148, 200, 167
RGB Percent	58%, 78%, 65%
CMY	0.4196, 0.2157, 0.3451
CMYK	0.26, 0.00, 0.17, 0.22
HSL	142°, 32%, 68%
HSV	142°, 26%, 78%
XYZ	39.8424, 50.3945, 44.1842
YIQ	180.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

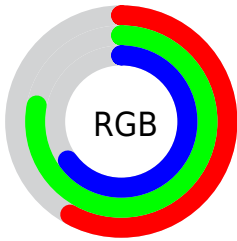
Format	Color
RYB	148, 186, 200
Decimal	9750695
CIELab	76.31, -23.69, 11.09
CIElCh	76, 26.156, 154.920
Yxy	50.3945, 0.2964, 0.3749
Android (android.graphics.Color)	4287940775 (0xFF94C8A7)
YUV	180.6900, -6.7492, -28.6691
Hunter-Lab	70.9891, -24.0482, 12.7897

Details

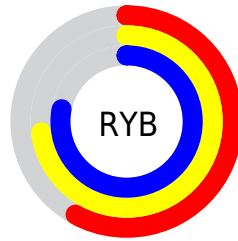
The Yxy color **50.3945, 0.2964, 0.3749** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7984, 0.3337, 0.2872**, and the grayscale version is **46.0791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4904, 0.2996, 0.3644**, and **24.2824, 0.2915, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **48.2430, 0.2908, 0.3961**, and if you desaturate by 10%, it is **52.9185, 0.3025, 0.3557**.

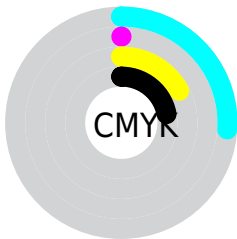
Distribution



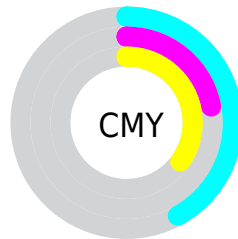
- Red (58%)
- Green (78%)
- Blue (65%)



- Red (58%)
- Yellow (73%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)




- Cyan (42%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3945, 0.2964, 0.3749 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 50.3945, 0.2964, 0.3749 by changing the saturation by 10% instead.

 50.3945, 0.2964,
0.3749

 50.3945, 0.2964,
0.3749


388.2067, 0.3048,
0.3515

 35.7270, 0.2942,
0.3809


 90.7591, 0.2995,
0.3663

 24.2234, 0.2914,
0.3886


 117.2250, 0.3007,
0.3631

 15.4994, 0.2875,
0.3991


148.3924, 0.3016,
0.3604

 9.1706, 0.2820,
0.4139

184.6458, 0.3025,
0.3581

 4.8526, 0.2734,
0.4367

226.3695, 0.3032,
0.3561

 2.1611, 0.2584,
0.4756

273.9479, 0.3038,

 0.6986, 0.1093,

0.3544

0.8907

327.7655, 0.3043,
0.3529

0.0000, 0.0000,
0.0000

50.3945, 0.2964,
0.3749

50.3945, 0.2964,
0.3749

48.2430, 0.2908,
0.3961

52.9185, 0.3025,
0.3557

46.4399, 0.2859,
0.4189

55.8255, 0.3089,
0.3384

44.9677, 0.2821,
0.4430

59.1330, 0.3153,
0.3231

43.8053, 0.2797,
0.4676

62.8559, 0.3216,
0.3096

42.9284, 0.2791,
0.4920

67.0081, 0.3277,
0.2978

■ 42.3094, 0.2802,
0.5151

■ 69.0516, 0.3237,
0.2862

■ 41.9137, 0.2830,
0.5360

■ 69.7902, 0.3152,
0.2752

■ 41.7918, 0.2843,
0.5436

Harmonies

Analogous

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



50.3945, 0.3319, 0.3918



50.3945, 0.2964, 0.3749



50.3945, 0.2664, 0.3435

Triad

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



50.3945, 0.2964, 0.3749



50.3945, 0.2625, 0.2715



50.3945, 0.3807, 0.3422

Complementary

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



50.3945, 0.2964, 0.3749



36.7984, 0.3337, 0.2872

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.



50.3945, 0.3601, 0.3132



50.3945, 0.2964, 0.3749



50.3945, 0.2907, 0.2738

Square

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



50.3945, 0.2964, 0.3749



50.3945, 0.2478, 0.2838



50.3945, 0.3265, 0.2888



50.3945, 0.3818, 0.3699

Rectangle

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



50.3945, 0.2964, 0.3749



50.3945, 0.2532, 0.3204



50.3945, 0.3265, 0.2888



50.3945, 0.3758, 0.3324

Sweetspot

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



50.3966, 0.2964, 0.3749



95.5280, 0.3075, 0.3419



53.3698, 0.3363, 0.3966



20.2778, 0.3065, 0.3445



0.0000, 0.0000, 0.0000



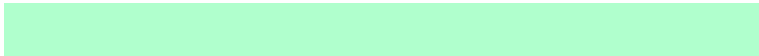
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3966, 0.2964, 0.3749



85.1434, 0.2932, 0.3862



51.4215, 0.2799, 0.3394



11.9509, 0.3067, 0.3440



26.5875, 0.2836, 0.5410



1.2728, 0.2715, 0.4975

Inverse Universe

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



36.7984, 0.3337, 0.2872



57.7891, 0.3393, 0.2781



35.8555, 0.3594, 0.3190



10.7483, 0.3192, 0.3144



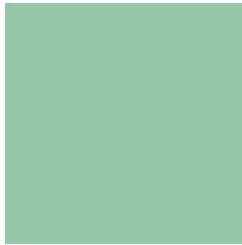
8.7989, 0.4386, 0.2190



0.4302, 0.4079, 0.2021

Previews

White Background



This preview shows how the Yxy color 50.3945, 0.2964, 0.3749 looks on a white background.

Color Contrast Check

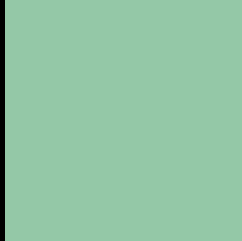
Large Text (above 18pt) WCAG AA × Fail

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 50.3945, 0.2964, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

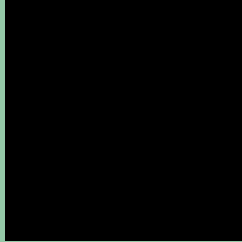
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3945, 0.2964, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 50.3945, 0.2964, 0.3749.



This preview shows how white text looks on a background with the Yxy color 50.3945, 0.2964, 0.3749.

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

50.3945, 0.2964, 0.3749

Protanopia

49.9490, 0.3428, 0.3633

Deuteranopia

49.9851, 0.3483, 0.3412



Tritanopia

50.3046, 0.2734, 0.3081

Trichromacy



Original Color

50.3945, 0.2964, 0.3749

Protanomaly

49.9273, 0.3240, 0.3673

Deuteranomaly

49.6875, 0.3276, 0.3522

Tritanomaly

50.1472, 0.2818, 0.3316

Monochromacy



Original Color

50.3945, 0.2964, 0.3749

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.5360, 0.3062, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3945, 0.2964, 0.3749 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, 200, 167)` looks like.

```
.text, #text, p{  
    color:rgb(148, 200, 167)  
}
```

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, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 200, 167) }
```

Border

The CSS property to change the border of an element to Yxy 50.3945, 0.2964, 0.3749 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, 200, 167) }
```

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

```
.border{ border-color:rgb(148, 200, 167) }
```

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

Here you see how a box with a 4 pixel rgb(148, 200, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(148, 200,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3945, 0.2964, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 200, 167) }
```

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

```
.background{ background-color: rgb(148,  
200, 167) }
```

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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