

Converting Colors

$Yxy(59.4657, 0.3033, 0.3938)$

Have a look what the booklet for
Yxy(59.4657, 0.3033, 0.3938)
contains.

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Color

Yxy(59.6848, 0.3034, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	9ED9A7
RGB	158, 217, 167
RGB Percent	62%, 85%, 65%
CMY	0.3806, 0.1490, 0.3452
CMYK	0.27, 0.00, 0.23, 0.15
HSL	129°, 44%, 74%
HSV	129°, 27%, 85%
XYZ	45.8788, 59.6848, 45.6520
YIQ	193.6590, -19.1140, -28.0580

Conversions

Conversions Part 2

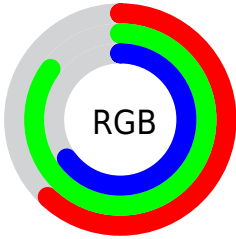
Format	Color
RYB	158, 209, 217
Decimal	10410407
CIELab	81.67, -28.76, 18.70
CIELCh	82, 34.303, 146.967
Yxy	59.6848, 0.3034, 0.3947
Android (android.graphics.Color)	4288600487 (0xFF9ED9A7)
YUV	193.6590, -13.1429, -31.2729
Hunter-Lab	77.2559, -29.1948, 19.0436

Details

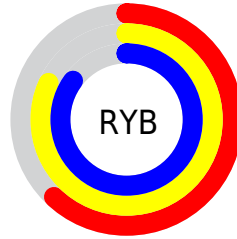
The Yxy color **59.6848, 0.3034, 0.3947** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.7424, 0.3237, 0.2712**, and the grayscale version is **53.8183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0901, 0.3062, 0.3638**, and **30.0817, 0.3000, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **57.0462, 0.3002, 0.4238**, and if you desaturate by 10%, it is **62.8135, 0.3068, 0.3681**.

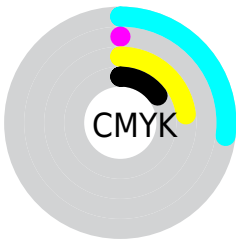
Distribution



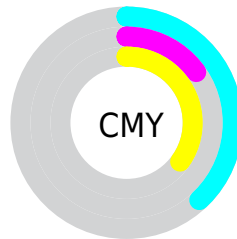
- Red (62%)
- Green (85%)
- Blue (65%)



- Red (62%)
- Yellow (82%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6848, 0.3034, 0.3947 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 59.6848, 0.3034, 0.3947 by changing the saturation by 10% instead.


 59.6848, 0.3034,
0.3947


 59.6848, 0.3034,
0.3947


423.4350, 0.3086,
0.3619

 43.1646, 0.3020,
0.4029

 104.3723, 0.3054,
0.3828

 30.0143, 0.3001,
0.4133


 133.3084, 0.3061,
0.3783

 19.8494, 0.2974,
0.4272

167.1519, 0.3067,
0.3745

 12.2857, 0.2934,
0.4464

206.2873, 0.3072,
0.3713

 6.9385, 0.2870,
0.4747

251.0989, 0.3076,
0.3684

 3.4237, 0.2754,
0.5201

301.9711, 0.3080,

 1.3567, 0.2653,

0.3660

0.6848

359.2883, 0.3083,
0.3638

0.1845, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.6848, 0.3034,
0.3947

59.6848, 0.3034,
0.3947

57.0462, 0.3002,
0.4238

62.8135, 0.3068,
0.3681

54.8658, 0.2974,
0.4548

66.4477, 0.3103,
0.3444

53.1195, 0.2952,
0.4865

70.6111, 0.3136,
0.3235

51.7776, 0.2939,
0.5172

75.3239, 0.3169,
0.3052

■ 50.8073, 0.2937,
0.5450

■ 78.1144, 0.3145,
0.2920

■ 50.1699, 0.2946,
0.5680

■ 49.8153, 0.2963,
0.5846

■ 49.7453, 0.2967,
0.5882

Harmonies

Analogous

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



59.6848, 0.3471, 0.4089



59.6848, 0.3034, 0.3947



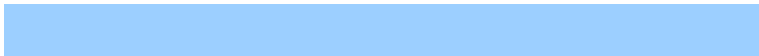
59.6848, 0.2640, 0.3583

Triad

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



59.6848, 0.3034, 0.3947



59.6848, 0.2446, 0.2607



59.6848, 0.3927, 0.3348

Complementary

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



59.6848, 0.3034, 0.3947



43.7424, 0.3237, 0.2712

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.



59.6848, 0.3613, 0.3006



59.6848, 0.3034, 0.3947



59.6848, 0.2748, 0.2593

Square

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



59.6848, 0.3034, 0.3947



59.6848, 0.2319, 0.2796



59.6848, 0.3173, 0.2738



59.6848, 0.4005, 0.3699

Rectangle

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



59.6848, 0.3034, 0.3947



59.6848, 0.2451, 0.3290



59.6848, 0.3173, 0.2738



59.6848, 0.3845, 0.3230

Sweetspot

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



59.6873, 0.3034, 0.3947



95.2708, 0.3100, 0.3463



65.5337, 0.3467, 0.3983



20.2135, 0.3095, 0.3497



0.0000, 0.0000, 0.0000



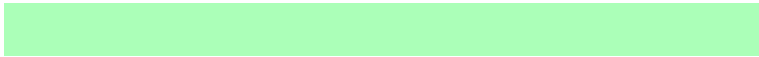
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6873, 0.3034, 0.3947



83.6102, 0.3014, 0.4121



60.8991, 0.2853, 0.3553



14.6386, 0.3095, 0.3494



30.1177, 0.2963, 0.5865



1.9616, 0.2890, 0.5604

Inverse Universe

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



43.7424, 0.3237, 0.2712



56.7476, 0.3267, 0.2581



42.4287, 0.3510, 0.3043



13.2388, 0.3161, 0.3094



11.0325, 0.3636, 0.1777



0.7242, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 59.6848, 0.3034, 0.3947 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 59.6848, 0.3034, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

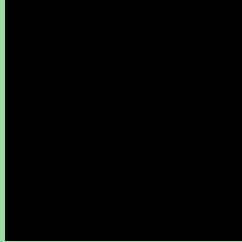
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

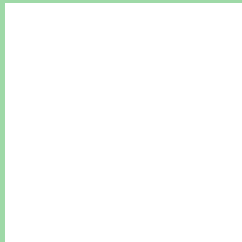
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6848, 0.3034, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 59.6848, 0.3034, 0.3947.



This preview shows how white text looks on a background with the Yxy color 59.6848, 0.3034, 0.3947.

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

59.6848, 0.3034, 0.3947

Protanopia

59.2262, 0.3546, 0.3785

Deuteranopia

59.3324, 0.3623, 0.3549



Tritanopia

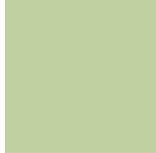
59.5269, 0.2739, 0.3083

Trichromacy



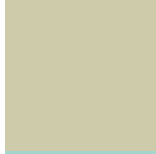
Original Color

59.6848, 0.3034, 0.3947



Protanomaly

58.7393, 0.3340, 0.3834



Deuteranomaly

58.7360, 0.3394, 0.3687



Tritanomaly

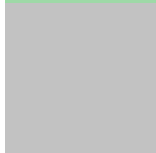
59.4941, 0.2843, 0.3377

Monochromacy



Original Color

59.6848, 0.3034, 0.3947



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.5255, 0.3093, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6848, 0.3034, 0.3947 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(158, 217, 167)` looks like.

```
.text, #text, p{  
    color:rgb(158, 217, 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(158, 217, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 217, 167) }
```

Border

The CSS property to change the border of an element to Yxy 59.6848, 0.3034, 0.3947 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(158, 217, 167) }
```

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

```
.border{ border-color:rgb(158, 217, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 217, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 217, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 217, 167);  
box-shadow:4px 4px 4px 4px rgb(158, 217,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6848, 0.3034, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 217, 167) }
```

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

```
.background{ background-color: rgb(158,  
217, 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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