

Converting Colors

$Yxy(59.0821, 0.3009, 0.4099)$

Have a look what the booklet for
Yxy(59.0821, 0.3009, 0.4099)
contains.

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Color

Yxy(59.2427, 0.3009, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	92DB9E
RGB	146, 219, 158
RGB Percent	57%, 86%, 62%
CMY	0.4273, 0.1412, 0.3803
CMYK	0.33, 0.00, 0.28, 0.14
HSL	130°, 50%, 72%
HSV	130°, 33%, 86%
XYZ	43.3620, 59.2427, 41.5030
YIQ	190.2190, -23.9270, -34.4470

Conversions

Conversions Part 2

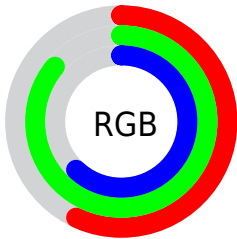
Format	Color
RYB	146, 209, 219
Decimal	9624478
CIELab	81.42, -35.02, 22.96
CIELCh	81, 41.880, 146.750
Yxy	59.2427, 0.3009, 0.4111
Android (android.graphics.Color)	4287814558 (0xFF92DB9E)
YUV	190.2190, -15.8840, -38.7801
Hunter-Lab	76.9693, -34.1351, 21.9084

Details

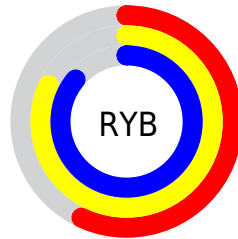
The Yxy color **59.2427, 0.3009, 0.4111** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1330, 0.3275, 0.2589**, and the grayscale version is **51.7344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8807, 0.3039, 0.3745**, and **29.8668, 0.2963, 0.4361** is the 20% darker color. If you saturate the color by 10%, you get **56.8420, 0.2978, 0.4411**, and if you desaturate by 10%, it is **62.1267, 0.3044, 0.3833**.

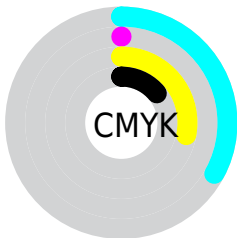
Distribution



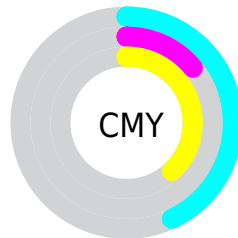
- Red (57%)
- Green (86%)
- Blue (62%)



- Red (57%)
- Yellow (82%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (28%)
- Black (14%)




- Cyan (43%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2427, 0.3009, 0.4111 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 59.2427, 0.3009, 0.4111 by changing the saturation by 10% instead.

 59.2427, 0.3009,
0.4111


 59.2427, 0.3009,
0.4111

421.8007, 0.3076,
0.3697

 42.8085, 0.2990,
0.4215


 103.7303, 0.3035,
0.3960

 29.7349, 0.2964,
0.4349


 132.5526, 0.3045,
0.3903

 19.6375, 0.2927,
0.4526


166.2729, 0.3052,
0.3856

 12.1318, 0.2871,
0.4774


205.2758, 0.3059,
0.3815

 6.8335, 0.2779,
0.5139

249.9457, 0.3064,
0.3779

 3.3582, 0.2610,
0.5724

300.6668, 0.3069,

 1.3215, 0.2081,

0.3748

0.7919

357.8237, 0.3073,
0.3721

■ 0.1577, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2427, 0.3009,
0.4111

■ 59.2427, 0.3009,
0.4111

■ 56.8420, 0.2978,
0.4411

■ 62.1267, 0.3044,
0.3833

■ 54.8910, 0.2953,
0.4723

■ 65.5106, 0.3080,
0.3581


■ 53.3635, 0.2936,
0.5034


■ 69.4195, 0.3115,
0.3358

■ 52.2274, 0.2930,
0.5325

■ 73.8746, 0.3150,
0.3162

 51.4461, 0.2935,
0.5576

 78.7949, 0.3180,
0.2991

 50.9757, 0.2951,
0.5772

 79.1422, 0.3144,
0.2940

 50.7893, 0.2963,
0.5868

Harmonies

Analogous

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



59.2427, 0.3540, 0.4274



59.2427, 0.3009, 0.4111



59.2427, 0.2535, 0.3653

Triad

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



59.2427, 0.3009, 0.4111



59.2427, 0.2304, 0.2466



59.2427, 0.4107, 0.3345

Complementary

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



59.2427, 0.3009, 0.4111



40.1330, 0.3275, 0.2589

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.



59.2427, 0.3717, 0.2942



59.2427, 0.3009, 0.4111



59.2427, 0.2661, 0.2454

Square

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



59.2427, 0.3009, 0.4111



59.2427, 0.2156, 0.2685



59.2427, 0.3174, 0.2626



59.2427, 0.4200, 0.3767

Rectangle

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



59.2427, 0.3009, 0.4111



59.2427, 0.2310, 0.3285



59.2427, 0.3174, 0.2626



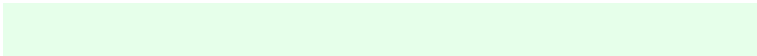
59.2427, 0.4005, 0.3205

Sweetspot

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



59.2452, 0.3009, 0.4111



94.1830, 0.3091, 0.3506



66.1561, 0.3541, 0.4142



19.9973, 0.3086, 0.3539



0.0000, 0.0000, 0.0000



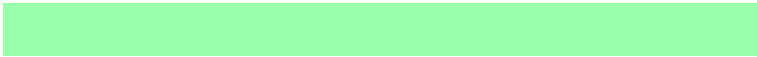
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2452, 0.3009, 0.4111



81.1852, 0.2987, 0.4320



60.6469, 0.2799, 0.3621



14.6410, 0.3094, 0.3491



30.1269, 0.2958, 0.5849



1.9627, 0.2883, 0.5578

Inverse Universe

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



40.1330, 0.3275, 0.2589



50.2301, 0.3314, 0.2444



38.5894, 0.3628, 0.2985



13.2362, 0.3163, 0.3097



10.9719, 0.3671, 0.1796



0.7208, 0.3583, 0.1748

Previews

White Background



This preview shows how the Yxy color 59.2427, 0.3009, 0.4111 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 59.2427, 0.3009, 0.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

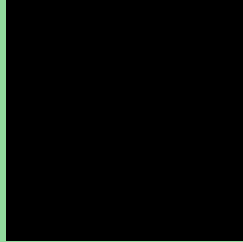
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2427, 0.3009, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 59.2427, 0.3009, 0.4111.

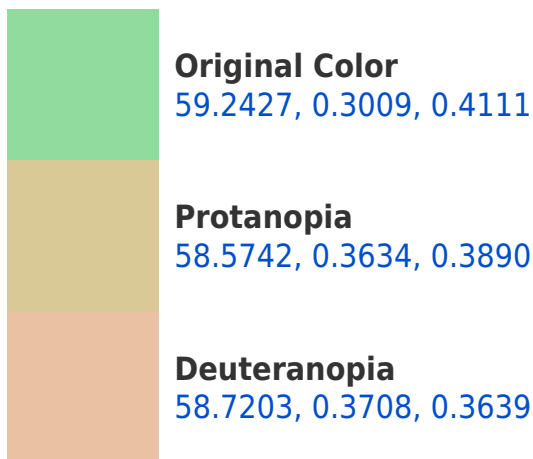


This preview shows how white text looks on a background with the Yxy color 59.2427, 0.3009, 0.4111.

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

59.0102, 0.2673, 0.3080

Trichromacy



Original Color

59.2427, 0.3009, 0.4111



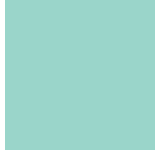
Protanomaly

58.4880, 0.3385, 0.3977



Deuteranomaly

57.8416, 0.3428, 0.3802



Tritanomaly

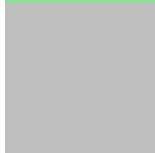
58.7228, 0.2791, 0.3430

Monochromacy



Original Color

59.2427, 0.3009, 0.4111



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.9863, 0.3082, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2427, 0.3009, 0.4111 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(146, 219, 158)` looks like.

```
.text, #text, p{  
    color:rgb(146, 219, 158)  
}
```

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(146, 219, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 219, 158) }
```

Border

The CSS property to change the border of an element to Yxy 59.2427, 0.3009, 0.4111 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(146, 219, 158) }
```

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

```
.border{ border-color:rgb(146, 219, 158) }
```

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

Here you see how a box with a 4 pixel rgb(146, 219, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 219, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 219, 158);  
box-shadow:4px 4px 4px 4px rgb(146, 219,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2427, 0.3009, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 219, 158) }
```

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

```
.background{ background-color: rgb(146,  
219, 158) }
```

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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