

Converting Colors

$Yxy(59.1891, 0.3036, 0.3805)$

Have a look what the booklet for
Yxy(59.1891, 0.3036, 0.3805)
contains.

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Color

Yxy(59.1485, 0.3039, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	A5D6AE
RGB	165, 214, 174
RGB Percent	65%, 84%, 68%
CMY	0.3529, 0.1608, 0.3176
CMYK	0.23, 0.00, 0.19, 0.16
HSL	131°, 37%, 74%
HSV	131°, 23%, 84%
XYZ	47.2039, 59.1485, 48.9746
YIQ	194.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

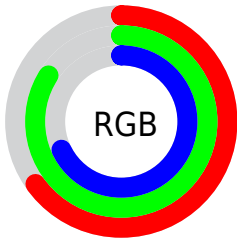
Format	Color
RYB	165, 206, 214
Decimal	10868398
CIELab	81.37, -23.75, 14.65
CIELCh	81, 27.906, 148.342
Yxy	59.1485, 0.3039, 0.3808
Android (android.graphics.Color)	4289058478 (0xFFA5D6AE)
YUV	194.7890, -10.2490, -26.1250
Hunter-Lab	76.9081, -25.0312, 16.0801

Details

The Yxy color **59.1485, 0.3039, 0.3808** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6155, 0.3230, 0.2822**, and the grayscale version is **54.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6053, 0.3060, 0.3548**, and **29.6462, 0.3005, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **56.4073, 0.3002, 0.4078**, and if you desaturate by 10%, it is **62.3673, 0.3078, 0.3564**.

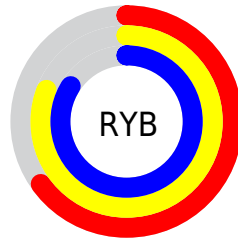
Distribution



Red (65%)

Green (84%)

Blue (68%)



Red (65%)

Yellow (81%)

Blue (84%)

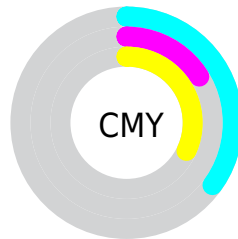


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (35%)


Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1485, 0.3039, 0.3808 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 59.1485, 0.3039, 0.3808 by changing the saturation by 10% instead.


 59.1485, 0.3039,
0.3808


 59.1485, 0.3039,
0.3808

421.4520, 0.3086,
0.3551

 42.7327, 0.3027,
0.3872


 103.5935, 0.3057,
0.3715

 29.6754, 0.3010,
0.3953


 132.3914, 0.3063,
0.3680

 19.5924, 0.2988,
0.4061


166.0855, 0.3068,
0.3650

 12.0991, 0.2956,
0.4210

205.0601, 0.3073,
0.3625

 6.8112, 0.2905,
0.4429

249.6997, 0.3077,
0.3602

 3.3443, 0.2816,
0.4782

300.3886, 0.3080,

 1.3140, 0.2708,

0.3583

0.5769

357.5112, 0.3083,
0.3566

0.1520, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1485, 0.3039,
0.3808

59.1485, 0.3039,
0.3808

56.4073, 0.3002,
0.4078

62.3673, 0.3078,
0.3564

54.1136, 0.2969,
0.4370

66.0772, 0.3116,
0.3348

52.2457, 0.2942,
0.4675

70.3003, 0.3154,
0.3158

50.7769, 0.2924,
0.4981

75.0553, 0.3190,
0.2992

■ 49.6774, 0.2917,
0.5270

■ 76.5753, 0.3146,
0.2891

■ 48.9133, 0.2923,
0.5525

■ 48.4440, 0.2940,
0.5729

■ 48.2439, 0.2955,
0.5838

Harmonies

Analogous

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



59.1485, 0.3398, 0.3936



59.1485, 0.3039, 0.3808



59.1485, 0.2717, 0.3513

Triad

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



59.1485, 0.3039, 0.3808



59.1485, 0.2574, 0.2724



59.1485, 0.3785, 0.3358

Complementary

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



59.1485, 0.3039, 0.3808



45.6155, 0.3230, 0.2822

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.



59.1485, 0.3539, 0.3070



59.1485, 0.3039, 0.3808



59.1485, 0.2833, 0.2715

Square

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



59.1485, 0.3039, 0.3808



59.1485, 0.2460, 0.2879



59.1485, 0.3185, 0.2840



59.1485, 0.3841, 0.3646

Rectangle

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



59.1485, 0.3039, 0.3808



59.1485, 0.2562, 0.3278



59.1485, 0.3185, 0.2840



59.1485, 0.3721, 0.3259

Sweetspot

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



59.1510, 0.3039, 0.3808



95.8672, 0.3100, 0.3435



63.7941, 0.3400, 0.3872



20.4470, 0.3098, 0.3448



0.0000, 0.0000, 0.0000



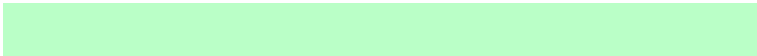
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1510, 0.3039, 0.3808



86.0921, 0.3023, 0.3923



60.1946, 0.2884, 0.3485



13.9329, 0.3091, 0.3486



29.1702, 0.2950, 0.5819



1.7708, 0.2864, 0.5511

Inverse Universe

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



45.6155, 0.3230, 0.2822



62.8730, 0.3253, 0.2731



44.5241, 0.3449, 0.3104



12.5917, 0.3165, 0.3102



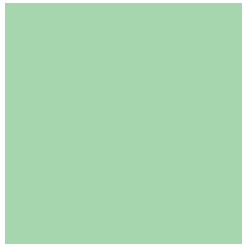
10.5187, 0.3733, 0.1830



0.6448, 0.3627, 0.1771

Previews

White Background



This preview shows how the Yxy color 59.1485, 0.3039, 0.3808 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 59.1485, 0.3039, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

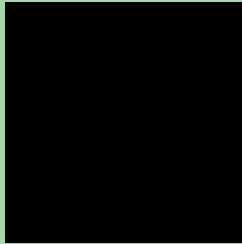
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1485, 0.3039, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 59.1485, 0.3039, 0.3808.



This preview shows how white text looks on a background with the Yxy color 59.1485, 0.3039, 0.3808.

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

59.1485, 0.3039, 0.3808

Protanopia

58.7466, 0.3471, 0.3681

Deuteranopia

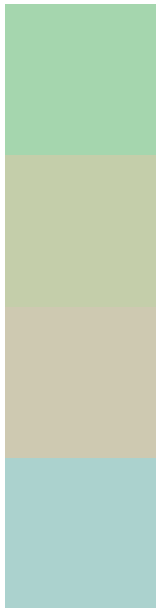
58.6209, 0.3551, 0.3472



Tritanopia

59.0061, 0.2782, 0.3084

Trichromacy



Original Color

59.1485, 0.3039, 0.3808

Protanomaly

58.7807, 0.3307, 0.3732

Deuteranomaly

58.0694, 0.3344, 0.3578

Tritanomaly

59.2073, 0.2875, 0.3339

Monochromacy



Original Color

59.1485, 0.3039, 0.3808

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0193, 0.3095, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1485, 0.3039, 0.3808 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(165, 214, 174)` looks like.

```
.text, #text, p{  
    color:rgb(165, 214, 174)  
}
```

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(165, 214, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 214, 174) }
```

Border

The CSS property to change the border of an element to Yxy 59.1485, 0.3039, 0.3808 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(165, 214, 174) }
```

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

```
.border{ border-color:rgb(165, 214, 174) }
```

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

Here you see how a box with a 4 pixel rgb(165, 214, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 214, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 214, 174);  
box-shadow:4px 4px 4px 4px rgb(165, 214,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1485, 0.3039, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 214, 174) }
```

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

```
.background{ background-color: rgb(165,  
214, 174) }
```

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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