

Converting Colors

Yxy(58.9847, 0.3245, 0.3965)

Have a look what the booklet for
Yxy(58.9847, 0.3245, 0.3965)
contains.

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Color

Yxy(59.1739, 0.3243, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	B3D49F
RGB	179, 212, 159
RGB Percent	70%, 83%, 62%
CMY	0.2979, 0.1686, 0.3765
CMYK	0.16, 0.00, 0.25, 0.17
HSL	97°, 38%, 73%
HSV	97°, 25%, 83%
XYZ	48.3987, 59.1739, 41.6680
YIQ	196.0910, -2.6550, -23.4790

Conversions

Conversions Part 2

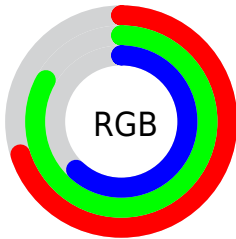
Format	Color
RYB	159, 212, 192
Decimal	11785375
CIELab	81.39, -20.50, 22.71
CIELCh	81, 30.591, 132.079
Yxy	59.1739, 0.3243, 0.3965
Android (android.graphics.Color)	4289975455 (0xFFB3D49F)
YUV	196.0910, -18.2859, -14.9888
Hunter-Lab	76.9246, -22.3109, 21.7314

Details

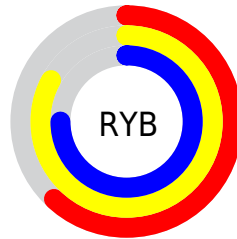
The Yxy color **59.1739, 0.3243, 0.3965** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7466, 0.2978, 0.2638**, and the grayscale version is **55.3777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0372, 0.3239, 0.3708**, and **29.6111, 0.3269, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **57.0059, 0.3282, 0.4271**, and if you desaturate by 10%, it is **61.6234, 0.3198, 0.3677**.

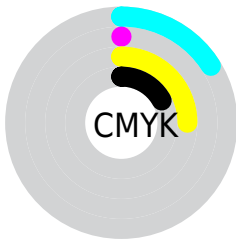
Distribution



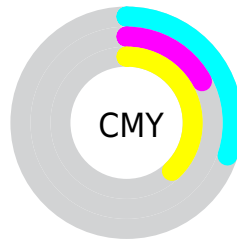
- Red (70%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (83%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)




- Cyan (30%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1739, 0.3243, 0.3965 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 59.1739, 0.3243, 0.3965 by changing the saturation by 10% instead.


 59.1739, 0.3243,
0.3965

 59.1739, 0.3243,
0.3965

421.5461, 0.3194,
0.3630

 42.7531, 0.3253,
0.4048


 103.6304, 0.3227,
0.3844

 29.6915, 0.3263,
0.4153


 132.4348, 0.3221,
0.3798

 19.6045, 0.3275,
0.4291


166.1360, 0.3215,
0.3760

 12.1079, 0.3286,
0.4482

205.1183, 0.3210,
0.3726

 6.8172, 0.3292,
0.4757

249.7660, 0.3205,
0.3697

 3.3480, 0.3278,
0.5187

300.4636, 0.3201,

 1.3160, 0.3465,

0.3672

0.6535

357.5955, 0.3197,
0.3650

0.1536, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1739, 0.3243,
0.3965

59.1739, 0.3243,
0.3965

57.0059, 0.3282,
0.4271

61.6234, 0.3198,
0.3677

55.1010, 0.3313,
0.4586


64.3567, 0.3151,
0.3413


53.4504, 0.3332,
0.4898


67.3858, 0.3103,
0.3174

52.0419, 0.3335,
0.5190

70.7198, 0.3056,
0.2959


 50.8619, 0.3320,
0.5444

 73.7068, 0.3076,
0.2861

 49.8950, 0.3286,
0.5644

 75.5645, 0.3147,
0.2871

 49.1237, 0.3238,
0.5781

 48.7986, 0.3211,
0.5832

Harmonies

Analogous

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



59.1739, 0.3613, 0.3981



59.1739, 0.3243, 0.3965



59.1739, 0.2857, 0.3729

Triad

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



59.1739, 0.3243, 0.3965



59.1739, 0.2435, 0.2742



59.1739, 0.3724, 0.3187

Complementary

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



59.1739, 0.3243, 0.3965



40.7466, 0.2978, 0.2638

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.



59.1739, 0.3374, 0.2903



59.1739, 0.3243, 0.3965



59.1739, 0.2635, 0.2649

Square

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



59.1739, 0.3243, 0.3965



59.1739, 0.2406, 0.2992



59.1739, 0.2972, 0.2710



59.1739, 0.3906, 0.3509

Rectangle

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



59.1739, 0.3243, 0.3965



59.1739, 0.2641, 0.3487



59.1739, 0.2972, 0.2710



59.1739, 0.3621, 0.3085

Sweetspot

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



59.1765, 0.3243, 0.3965



96.4285, 0.3166, 0.3492



54.0573, 0.3557, 0.3684



20.5029, 0.3173, 0.3532



0.0000, 0.0000, 0.0000



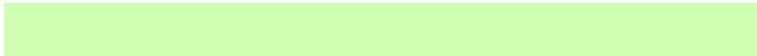
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1765, 0.3243, 0.3965



88.0833, 0.3265, 0.4126



57.1779, 0.3054, 0.3911



14.1226, 0.3172, 0.3527



30.1805, 0.3221, 0.5824



1.8670, 0.3359, 0.5715

Inverse Universe

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



40.7466, 0.2978, 0.2638



55.4387, 0.2938, 0.2489



43.2375, 0.3210, 0.2739



12.3872, 0.3078, 0.3056



6.0121, 0.2285, 0.1032



0.4093, 0.2445, 0.1120

Previews

White Background



This preview shows how the Yxy color 59.1739, 0.3243, 0.3965 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 59.1739, 0.3243, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

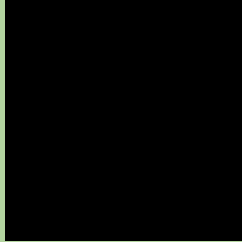
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1739, 0.3243, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 59.1739, 0.3243, 0.3965.



This preview shows how white text looks on a background with the Yxy color 59.1739, 0.3243, 0.3965.

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

59.1739, 0.3243, 0.3965

Protanopia

58.7053, 0.3603, 0.3843

Deuteranopia

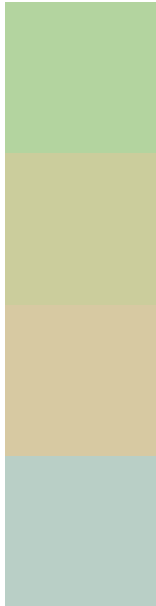
58.8901, 0.3716, 0.3637



Tritanopia

59.0444, 0.2900, 0.3100

Trichromacy



Original Color

59.1739, 0.3243, 0.3965

Protanomaly

58.7595, 0.3468, 0.3885

Deuteranomaly

58.8290, 0.3533, 0.3750

Tritanomaly

59.0172, 0.3025, 0.3400

Monochromacy



Original Color

59.1739, 0.3243, 0.3965

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6071, 0.3170, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1739, 0.3243, 0.3965 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(179, 212, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 212, 159)  
}
```

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(179, 212, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 212, 159) }
```

Border

The CSS property to change the border of an element to Yxy 59.1739, 0.3243, 0.3965 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(179, 212, 159) }
```

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

```
.border{ border-color:rgb(179, 212, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 212, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 212, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 212, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 212,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1739, 0.3243, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 212, 159) }
```

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

```
.background{ background-color: rgb(179,  
212, 159) }
```

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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