

Converting Colors

$Yxy(58.8136, 0.3334, 0.4156)$

Have a look what the booklet for
Yxy(58.8136, 0.3334, 0.4156)
contains.

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Color

Yxy(58.5963, 0.3329, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	B2D491
RGB	178, 212, 145
RGB Percent	70%, 83%, 57%
CMY	0.3019, 0.1686, 0.4314
CMYK	0.16, 0.00, 0.32, 0.17
HSL	90°, 44%, 70%
HSV	90°, 32%, 83%
XYZ	47.0154, 58.5963, 35.6182
YIQ	194.1960, 1.2430, -28.0450

Conversions

Conversions Part 2

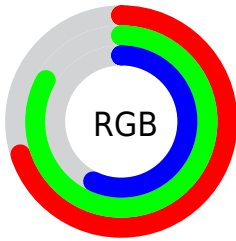
Format	Color
RYB	145, 212, 179
Decimal	11719825
CIELab	81.07, -22.97, 29.55
CIELCh	81, 37.432, 127.855
Yxy	58.5963, 0.3329, 0.4149
Android (android.graphics.Color)	4289909905 (0xFFB2D491)
YUV	194.1960, -24.2536, -14.2039
Hunter-Lab	76.5482, -24.3258, 25.9959

Details

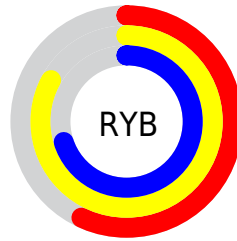
The Yxy color **58.5963, 0.3329, 0.4149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5862, 0.2859, 0.2435**, and the grayscale version is **54.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1359, 0.3320, 0.3866**, and **29.2072, 0.3360, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **56.7818, 0.3382, 0.4449**, and if you desaturate by 10%, it is **60.6377, 0.3268, 0.3858**.

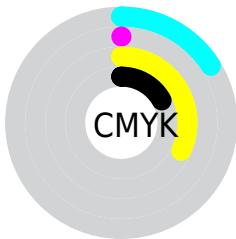
Distribution



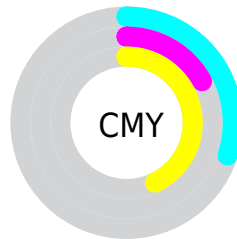
- Red (70%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)





- Cyan (30%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5963, 0.3329, 0.4149 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 58.5963, 0.3329, 0.4149 by changing the saturation by 10% instead.


 58.5963, 0.3329,
0.4149


 58.5963, 0.3329,
0.4149


419.4042, 0.3243,
0.3721

 42.2882, 0.3346,
0.4255

 102.7907, 0.3301,
0.3994

 29.3270, 0.3365,
0.4389


 131.4458, 0.3290,
0.3936

 19.3284, 0.3385,
0.4565


164.9854, 0.3280,
0.3886

 11.9078, 0.3403,
0.4805

203.7939, 0.3270,
0.3844

 6.6809, 0.3412,
0.5148

248.2556, 0.3262,
0.3807

 3.2634, 0.3426,
0.5741

298.7549, 0.3255,

 1.2707, 0.3222,

0.3775

0.6778

355.6764, 0.3249,
0.3746

■ 0.1184, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5963, 0.3329,
0.4149

■ 58.5963, 0.3329,
0.4149

■ 56.7818, 0.3382,
0.4449

■ 60.6377, 0.3268,
0.3858

■ 55.1774, 0.3422,
0.4747

■ 62.9069, 0.3204,
0.3583

■ 53.7760, 0.3446,
0.5029

■ 65.4143, 0.3138,
0.3329

■ 52.5666, 0.3451,
0.5280

■ 68.1676, 0.3073,
0.3097

■ 51.5373, 0.3433,
0.5485

■ 71.1738, 0.3010,
0.2888

■ 50.6739, 0.3394,
0.5635

■ 73.2821, 0.3059,
0.2859

■ 50.0585, 0.3350,
0.5722

■ 75.2474, 0.3135,
0.2869

■ 75.5686, 0.3147,
0.2871

Harmonies

Analogous

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



58.5963, 0.3770, 0.4116



58.5963, 0.3329, 0.4149



58.5963, 0.2854, 0.3892

Triad

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



58.5963, 0.3329, 0.4149



58.5963, 0.2273, 0.2650



58.5963, 0.3810, 0.3107

Complementary

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



58.5963, 0.3329, 0.4149



34.5862, 0.2859, 0.2435

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.



58.5963, 0.3357, 0.2782



58.5963, 0.3329, 0.4149



58.5963, 0.2483, 0.2519

Square

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



58.5963, 0.3329, 0.4149



58.5963, 0.2268, 0.2972



58.5963, 0.2869, 0.2571



58.5963, 0.4070, 0.3490

Rectangle

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



58.5963, 0.3329, 0.4149



58.5963, 0.2582, 0.3598



58.5963, 0.2869, 0.2571



58.5963, 0.3673, 0.2989

Sweetspot

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



58.5989, 0.3329, 0.4149



96.4672, 0.3187, 0.3517



48.0820, 0.3717, 0.3702



20.5318, 0.3197, 0.3556



0.0000, 0.0000, 0.0000



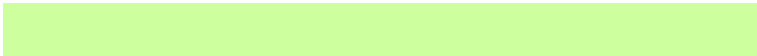
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5989, 0.3329, 0.4149



87.0908, 0.3366, 0.4353



55.1523, 0.3084, 0.4217



14.1933, 0.3189, 0.3526



30.9619, 0.3360, 0.5714



1.9167, 0.3493, 0.5609

Inverse Universe

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



34.5862, 0.2859, 0.2435



45.0109, 0.2785, 0.2234



39.0010, 0.3164, 0.2510



12.3152, 0.3060, 0.3055



4.9454, 0.2043, 0.0899



0.3475, 0.2231, 0.1002

Previews

White Background



This preview shows how the Yxy color 58.5963, 0.3329, 0.4149 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 58.5963, 0.3329, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

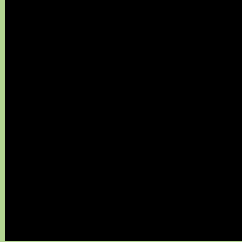
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5963, 0.3329, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 58.5963, 0.3329, 0.4149.



This preview shows how white text looks on a background with the Yxy color 58.5963, 0.3329, 0.4149.

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

58.5963, 0.3329, 0.4149

Protanopia

58.4185, 0.3718, 0.4004

Deuteranopia

58.3144, 0.3851, 0.3779



Tritanopia

58.6452, 0.2914, 0.3100

Trichromacy



Original Color

58.5963, 0.3329, 0.4149

Protanomaly

58.3121, 0.3571, 0.4055

Deuteranomaly

58.0456, 0.3652, 0.3903

Tritanomaly

58.2627, 0.3066, 0.3463

Monochromacy



Original Color

58.5963, 0.3329, 0.4149

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.5992, 0.3206, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5963, 0.3329, 0.4149 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(178, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 145)  
}
```

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(178, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 145) }
```

Border

The CSS property to change the border of an element to Yxy 58.5963, 0.3329, 0.4149 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(178, 212, 145) }
```

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

```
.border{ border-color:rgb(178, 212, 145) }
```

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

Here you see how a box with a 4 pixel rgb(178, 212, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5963, 0.3329, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 145) }
```

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

```
.background{ background-color: rgb(178,  
212, 145) }
```

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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