

Converting Colors

$Yxy(60.3021, 0.3235, 0.3589)$

Have a look what the booklet for
Yxy(60.3021, 0.3235, 0.3589)
contains.

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Color

Yxy(60.1867, 0.3236, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFB7
RGB	199, 207, 183
RGB Percent	78%, 81%, 72%
CMY	0.2195, 0.1882, 0.2823
CMYK	0.04, 0.00, 0.12, 0.19
HSL	80°, 20%, 76%
HSV	80°, 12%, 81%
XYZ	54.4186, 60.1867, 53.5609
YIQ	201.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

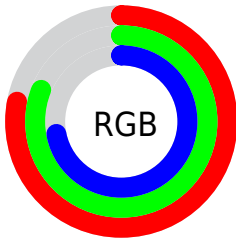
Format	Color
RYB	183, 207, 191
Decimal	13094839
CIELab	81.94, -6.97, 10.98
CIELCh	82, 13.007, 122.404
Yxy	60.1867, 0.3236, 0.3579
Android (android.graphics.Color)	4291284919 (0xFFC7CFB7)
YUV	201.8720, -9.3039, -2.5187
Hunter-Lab	77.5801, -10.5562, 13.3725

Details

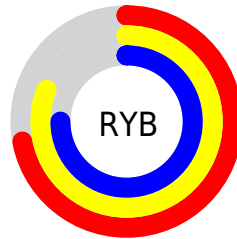
The Yxy color **60.1867, 0.3236, 0.3579** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4586, 0.3009, 0.2996**, and the grayscale version is **59.0403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **30.4139, 0.3262, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **58.4682, 0.3330, 0.3845**, and if you desaturate by 10%, it is **62.0798, 0.3142, 0.3328**.

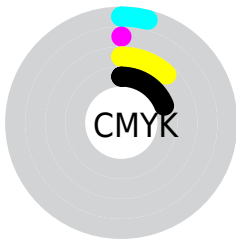
Distribution



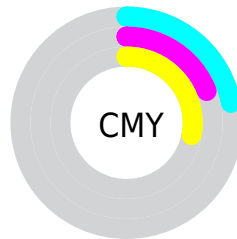
- Red (78%)
- Green (81%)
- Blue (72%)



- Red (72%)
- Yellow (81%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1867, 0.3236, 0.3579 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 60.1867, 0.3236, 0.3579 by changing the saturation by 10% instead.


 60.1867, 0.3236,
0.3579

 60.1867, 0.3236,
0.3579

425.2856, 0.3185,
0.3439

 43.5691, 0.3248,
0.3613


 105.1005, 0.3218,
0.3529

 30.3319, 0.3263,
0.3655


134.1654, 0.3211,
0.3510

 20.0907, 0.3281,
0.3711


168.1483, 0.3205,
0.3494

 12.4610, 0.3306,
0.3787

207.4336, 0.3200,
0.3480

 7.0584, 0.3340,
0.3895

252.4055, 0.3196,
0.3468

 3.4987, 0.3388,
0.4063

303.4486, 0.3192,

 1.3973, 0.3493,

0.3457

0.4395

360.9471, 0.3188,
0.3447

0.2147, 0.1365,
0.8635

0.0000, 0.0000,
0.0000

60.1867, 0.3236,
0.3579

60.1867, 0.3236,
0.3579

58.4682, 0.3330,
0.3845

62.0798, 0.3142,
0.3328

56.9105, 0.3421,
0.4122

64.1456, 0.3050,
0.3095

55.5097, 0.3503,
0.4400

66.3919, 0.2962,
0.2882

54.2588, 0.3574,
0.4670

68.1071, 0.2947,
0.2792

■ 53.1502, 0.3626,
0.4921

■ 69.2472, 0.2996,
0.2799

■ 52.1754, 0.3657,
0.5139

■ 70.4326, 0.3044,
0.2806

■ 51.3248, 0.3663,
0.5313

■ 71.6638, 0.3093,
0.2813

■ 50.5869, 0.3645,
0.5439

■ 72.9414, 0.3143,
0.2820

■ 50.0366, 0.3614,
0.5512

■ 73.1048, 0.3149,
0.2821

Harmonies

Analogous

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



60.1867, 0.3378, 0.3568



60.1867, 0.3236, 0.3579



60.1867, 0.3068, 0.3507

Triad

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



60.1867, 0.3236, 0.3579



60.1867, 0.2812, 0.3089



60.1867, 0.3337, 0.3206

Complementary

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



60.1867, 0.3236, 0.3579



49.4586, 0.3009, 0.2996

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.



60.1867, 0.3180, 0.3086



60.1867, 0.3236, 0.3579



60.1867, 0.2879, 0.3017

Square

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



60.1867, 0.3236, 0.3579



60.1867, 0.2826, 0.3218



60.1867, 0.3013, 0.3018



60.1867, 0.3438, 0.3349

Rectangle

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



60.1867, 0.3236, 0.3579



60.1867, 0.2964, 0.3422



60.1867, 0.3013, 0.3018



60.1867, 0.3289, 0.3162

Sweetspot

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



60.1893, 0.3236, 0.3579



99.0373, 0.3155, 0.3363



53.7793, 0.3322, 0.3382



21.1439, 0.3163, 0.3383



0.0000, 0.0000, 0.0000



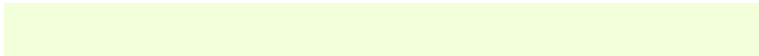
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1893, 0.3236, 0.3579



95.7259, 0.3260, 0.3647



58.6624, 0.3146, 0.3587



13.5923, 0.3216, 0.3523



31.5795, 0.3622, 0.5506



1.8081, 0.3729, 0.5421

Inverse Universe

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



49.4586, 0.3009, 0.2996



75.0590, 0.2980, 0.2925



51.0226, 0.3104, 0.3004



11.6061, 0.3033, 0.3053



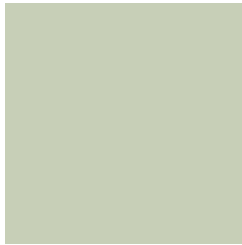
3.6796, 0.1751, 0.0738



0.2487, 0.1958, 0.0853

Previews

White Background



This preview shows how the Yxy color 60.1867, 0.3236, 0.3579 looks on a white background.

Color Contrast Check

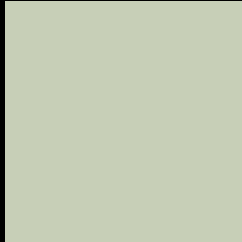
Large Text (above 18pt) WCAG AA × Fail

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 60.1867, 0.3236, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

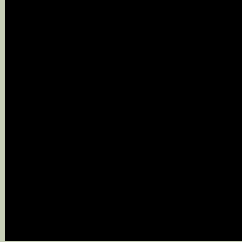
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

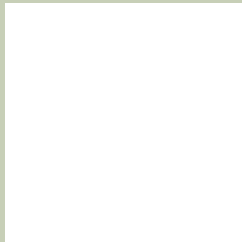
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1867, 0.3236, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 60.1867, 0.3236, 0.3579.



This preview shows how white text looks on a background with the Yxy color 60.1867, 0.3236, 0.3579.

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

60.1867, 0.3236, 0.3579

Protanopia

60.0451, 0.3360, 0.3549

Deuteranopia

59.8056, 0.3490, 0.3414



Tritanopia

60.1404, 0.3030, 0.3105

Trichromacy



Original Color

60.1867, 0.3236, 0.3579

Protanomaly

59.8285, 0.3310, 0.3551

Deuteranomaly

59.8293, 0.3399, 0.3475

Tritanomaly

60.1501, 0.3105, 0.3278

Monochromacy



Original Color

60.1867, 0.3236, 0.3579

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5434, 0.3168, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1867, 0.3236, 0.3579 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(199, 207, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 183)  
}
```

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(199, 207, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 183) }
```

Border

The CSS property to change the border of an element to Yxy 60.1867, 0.3236, 0.3579 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(199, 207, 183) }
```

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

```
.border{ border-color:rgb(199, 207, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1867, 0.3236, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 183) }
```

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

```
.background{ background-color: rgb(199,  
207, 183) }
```

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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