

Converting Colors

$Yxy(60.0345, 0.3475, 0.3849)$

Have a look what the booklet for
Yxy(60.0345, 0.3475, 0.3849)
contains.

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Color

Yxy(59.9112, 0.3477, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	CFCE9F
RGB	207, 206, 159
RGB Percent	81%, 81%, 62%
CMY	0.1882, 0.1922, 0.3765
CMYK	0.00, 0.00, 0.23, 0.19
HSL	59°, 33%, 72%
HSV	59°, 23%, 81%
XYZ	54.0647, 59.9112, 41.5165
YIQ	200.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

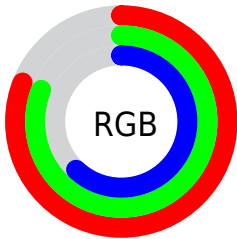
Format	Color
RYB	160, 207, 159
Decimal	13618847
CIELab	81.79, -7.23, 23.58
CIELCh	82, 24.659, 107.043
Yxy	59.9112, 0.3477, 0.3853
Android (android.graphics.Color)	4291808927 (0xFFCFCE9F)
YUV	200.9410, -20.6769, 5.3137
Hunter-Lab	77.4023, -10.7737, 22.3801

Details

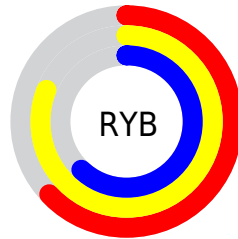
The Yxy color **59.9112, 0.3477, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0253, 0.2737, 0.2657**, and the grayscale version is **58.4962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **30.1934, 0.3561, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **59.0439, 0.3629, 0.4096**, and if you desaturate by 10%, it is **60.9048, 0.3324, 0.3607**.

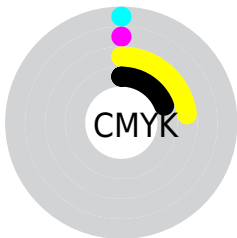
Distribution



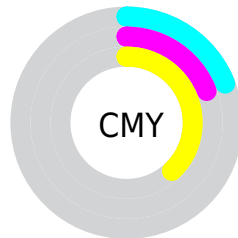
- Red (81%)
- Green (81%)
- Blue (62%)



- Red (63%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9112, 0.3477, 0.3853 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 59.9112, 0.3477, 0.3853 by changing the saturation by 10% instead.


 59.9112, 0.3477,
0.3853

 59.9112, 0.3477,
0.3853


424.2704, 0.3313,
0.3580

 43.3471, 0.3515,
0.3918

 104.7008, 0.3420,
0.3756

 30.1575, 0.3561,
0.4000


 133.6951, 0.3397,
0.3719

 19.9582, 0.3620,
0.4106


167.6016, 0.3378,
0.3687

 12.3646, 0.3696,
0.4247

206.8046, 0.3362,
0.3660

 6.9925, 0.3795,
0.4444

251.6886, 0.3347,
0.3636

 3.4574, 0.3927,
0.4734

302.6380, 0.3334,

 1.3750, 0.4409,

0.3615

0.5591

360.0371, 0.3323,
0.3597

0.1982, 0.0567,
0.9433

0.0000, 0.0000,
0.0000

59.9112, 0.3477,
0.3853

59.9112, 0.3477,
0.3853

59.0439, 0.3629,
0.4096

60.9048, 0.3324,
0.3607

58.2889, 0.3774,
0.4327

62.0222, 0.3174,
0.3365

57.6424, 0.3907,
0.4536

63.2714, 0.3030,
0.3133

57.0971, 0.4021,
0.4714

64.6573, 0.2895,
0.2915

■ 56.6451, 0.4111,
0.4853

■ 65.6912, 0.2815,
0.2785

■ 56.2772, 0.4176,
0.4950

■ 65.9051, 0.2815,
0.2790

■ 55.9822, 0.4215,
0.5004

■ 66.1196, 0.2815,
0.2795

■ 55.8097, 0.4231,
0.5023

■ 66.3347, 0.2815,
0.2800

■ 66.5503, 0.2816,
0.2804

Harmonies

Analogous

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



59.9112, 0.3695, 0.3739



59.9112, 0.3477, 0.3853



59.9112, 0.3172, 0.3805

Triad

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



59.9112, 0.3477, 0.3853



59.9112, 0.2535, 0.3013



59.9112, 0.3379, 0.3010

Complementary

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



59.9112, 0.3477, 0.3853



37.0253, 0.2737, 0.2657

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.



59.9112, 0.3057, 0.2836



59.9112, 0.3477, 0.3853



59.9112, 0.2583, 0.2827

Square

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



59.9112, 0.3477, 0.3853



59.9112, 0.2635, 0.3295



59.9112, 0.2769, 0.2768



59.9112, 0.3641, 0.3253

Rectangle

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



59.9112, 0.3477, 0.3853



59.9112, 0.2962, 0.3679



59.9112, 0.2769, 0.2768



59.9112, 0.3273, 0.2942

Sweetspot

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



59.9139, 0.3477, 0.3853



98.6627, 0.3232, 0.3459



40.6246, 0.3586, 0.3271



21.0943, 0.3241, 0.3473



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.



59.9139, 0.3477, 0.3853



95.2649, 0.3556, 0.3979



57.4023, 0.3294, 0.3899



13.7529, 0.3267, 0.3515



35.1755, 0.4230, 0.5023



1.9807, 0.4223, 0.5029

Inverse Universe

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



37.0253, 0.2737, 0.2657



52.1046, 0.2637, 0.2494



39.1768, 0.2926, 0.2677



11.4571, 0.2982, 0.3055



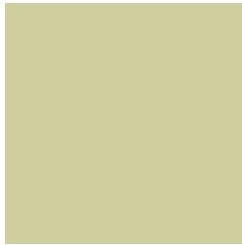
2.9156, 0.1504, 0.0615



0.1774, 0.1518, 0.0663

Previews

White Background



This preview shows how the Yxy color 59.9112, 0.3477, 0.3853 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 59.9112, 0.3477, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

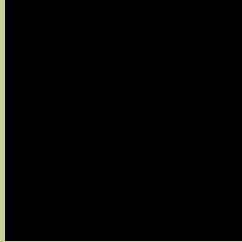
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

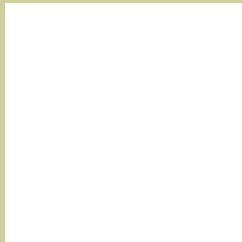
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9112, 0.3477, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 59.9112, 0.3477, 0.3853.



This preview shows how white text looks on a background with the Yxy color 59.9112, 0.3477, 0.3853.

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

59.9112, 0.3477, 0.3853

Protanopia

59.9322, 0.3575, 0.3817

Deuteranopia

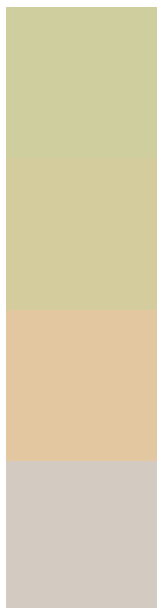
59.6079, 0.3746, 0.3668



Tritanopia

59.9980, 0.3135, 0.3120

Trichromacy



Original Color

59.9112, 0.3477, 0.3853

Protanomaly

59.8005, 0.3539, 0.3834

Deuteranomaly

59.5537, 0.3648, 0.3737

Tritanomaly

59.9850, 0.3256, 0.3384

Monochromacy



Original Color

59.9112, 0.3477, 0.3853

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9536, 0.3250, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9112, 0.3477, 0.3853 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(207, 206, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 159) }
```

Border

The CSS property to change the border of an element to Yxy 59.9112, 0.3477, 0.3853 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(207, 206, 159) }
```

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

```
.border{ border-color:rgb(207, 206, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 206, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 206, 159); box-shadow:4px 4px 4px 4px rgb(207, 206, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9112, 0.3477, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 159) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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