

Converting Colors

$Y_{xy}(59.3879, 0.3570, 0.3959)$

Have a look what the booklet for
Yxy(59.3879, 0.3570, 0.3959)
contains.

Yxy(59.3879, 0.3570, 0.3959)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.3879, 0.3570, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	D1CD95
RGB	209, 205, 149
RGB Percent	82%, 80%, 58%
CMY	0.1803, 0.1961, 0.4157
CMYK	0.00, 0.02, 0.29, 0.18
HSL	56°, 39%, 70%
HSV	56°, 29%, 82%
XYZ	53.5526, 59.3879, 37.0668
YIQ	199.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

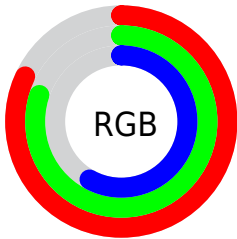
Format	Color
RYB	153, 209, 149
Decimal	13749653
CIELab	81.50, -7.31, 28.46
CIELCh	82, 29.385, 104.401
Yxy	59.3879, 0.3570, 0.3959
Android (android.graphics.Color)	4291939733 (0xFFD1CD95)
YUV	199.8120, -25.0503, 8.0579
Hunter-Lab	77.0635, -10.8189, 25.4266

Details

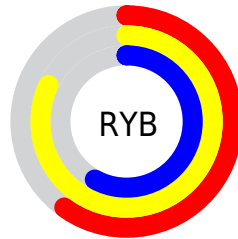
The Yxy color **59.3879, 0.3570, 0.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7738, 0.2633, 0.2519**, and the grayscale version is **57.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **29.8851, 0.3673, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **58.1163, 0.3726, 0.4188**, and if you desaturate by 10%, it is **60.7906, 0.3412, 0.3723**.

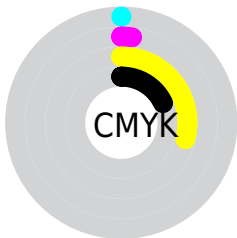
Distribution



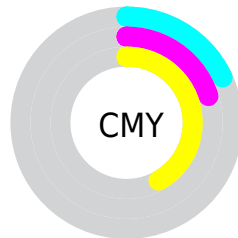
- Red (82%)
- Green (80%)
- Blue (58%)



- Red (60%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (18%)




- Cyan (18%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3879, 0.3570, 0.3959 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 59.3879, 0.3570, 0.3959 by changing the saturation by 10% instead.

 59.3879, 0.3570,
0.3959


 59.3879, 0.3570,
0.3959


422.3379, 0.3362,
0.3635

 42.9255, 0.3617,
0.4036


 103.9412, 0.3498,
0.3844

 29.8266, 0.3675,
0.4132


 132.8009, 0.3470,
0.3800

 19.7070, 0.3747,
0.4255

166.5618, 0.3446,
0.3763

 12.1823, 0.3839,
0.4418

205.6082, 0.3425,
0.3730

 6.8679, 0.3955,
0.4641

250.3247, 0.3406,
0.3702

 3.3796, 0.4125,
0.4986

301.0955, 0.3390,

 1.3330, 0.4399,

0.3677

0.5601

358.3051, 0.3375,
0.3655

■ 0.1665, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3879, 0.3570,
0.3959

■ 59.3879, 0.3570,
0.3959

■ 58.1163, 0.3726,
0.4188

■ 60.7906, 0.3412,
0.3723

■ 56.9614, 0.3874,
0.4402


■ 62.3223, 0.3257,
0.3489


■ 55.9189, 0.4008,
0.4590


■ 63.9913, 0.3109,
0.3262

■ 54.9808, 0.4122,
0.4743


■ 65.8029, 0.2969,
0.3046


 54.1384, 0.4212,
0.4855


 67.7618, 0.2839,
0.2844


 53.3813, 0.4274,
0.4923


 68.5601, 0.2831,
0.2844

 52.6929, 0.4312,
0.4952

 69.2678, 0.2832,
0.2860

 52.6069, 0.4316,
0.4955

 69.9815, 0.2833,
0.2875

 70.7013, 0.2833,
0.2890

Harmonies

Analogous

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



59.3879, 0.3820, 0.3800



59.3879, 0.3570, 0.3959



59.3879, 0.3210, 0.3926

Triad

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



59.3879, 0.3570, 0.3959



59.3879, 0.2430, 0.2981



59.3879, 0.3394, 0.2937

Complementary

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



59.3879, 0.3570, 0.3959



33.7738, 0.2633, 0.2519

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.



59.3879, 0.3008, 0.2742



59.3879, 0.3570, 0.3959



59.3879, 0.2470, 0.2751

Square

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



59.3879, 0.3570, 0.3959



59.3879, 0.2561, 0.3325



59.3879, 0.2675, 0.2673



59.3879, 0.3720, 0.3216

Rectangle

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



59.3879, 0.3570, 0.3959



59.3879, 0.2959, 0.3785



59.3879, 0.2675, 0.2673



59.3879, 0.3266, 0.2860

Sweetspot

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



59.3906, 0.3570, 0.3959



97.6341, 0.3263, 0.3498



37.3800, 0.3703, 0.3229



20.8195, 0.3286, 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.



59.3906, 0.3570, 0.3959



91.9761, 0.3659, 0.4090



57.9683, 0.3355, 0.4052



13.6566, 0.3268, 0.3505



32.4885, 0.4314, 0.4957



1.8582, 0.4290, 0.4976

Inverse Universe

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



33.7738, 0.2633, 0.2519



45.8869, 0.2519, 0.2339



35.0924, 0.2840, 0.2510



11.5427, 0.2982, 0.3066



3.0835, 0.1513, 0.0646



0.2179, 0.1554, 0.0794

Previews

White Background



This preview shows how the Yxy color 59.3879, 0.3570, 0.3959 looks on a white background.

Color Contrast Check

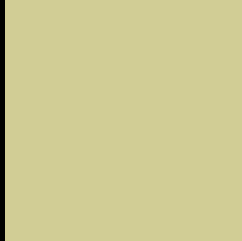
Large Text (above 18pt) WCAG AA × Fail

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 59.3879, 0.3570, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

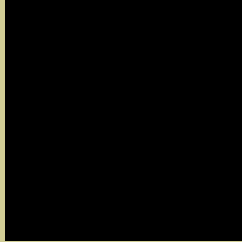
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3879, 0.3570, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 59.3879, 0.3570, 0.3959.



This preview shows how white text looks on a background with the Yxy color 59.3879, 0.3570, 0.3959.

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

59.3879, 0.3570, 0.3959

Protanopia

59.2846, 0.3663, 0.3921

Deuteranopia

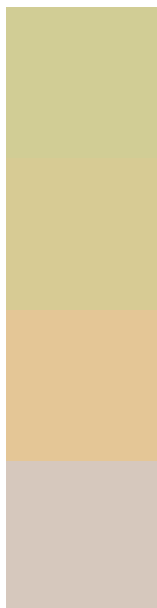
59.1687, 0.3848, 0.3765



Tritanopia

59.4377, 0.3174, 0.3120

Trichromacy



Original Color

59.3879, 0.3570, 0.3959

Protanomaly

59.2971, 0.3634, 0.3937

Deuteranomaly

59.0842, 0.3746, 0.3837

Tritanomaly

59.2788, 0.3320, 0.3419

Monochromacy



Original Color

59.3879, 0.3570, 0.3959

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2738, 0.3289, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3879, 0.3570, 0.3959 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(209, 205, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 149)  
}
```

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(209, 205, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 149) }
```

Border

The CSS property to change the border of an element to Yxy 59.3879, 0.3570, 0.3959 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(209, 205, 149) }
```

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

```
.border{ border-color:rgb(209, 205, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 149);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3879, 0.3570, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 149) }
```

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

```
.background{ background-color: rgb(209,  
205, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor