

Converting Colors

$Yxy(49.7153, 0.3642, 0.3342)$

Have a look what the booklet for
Yxy(49.7153, 0.3642, 0.3342)
contains.

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Color

Yxy(49.8931, 0.3643, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFAA
RGB	227, 175, 170
RGB Percent	89%, 69%, 67%
CMY	0.1097, 0.3138, 0.3332
CMYK	0.00, 0.23, 0.25, 0.11
HSL	5°, 50%, 78%
HSV	5°, 25%, 89%
XYZ	54.2731, 49.8931, 44.8129
YIQ	189.9780, 32.5970, 9.4690

Conversions

Conversions Part 2

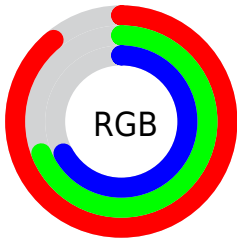
Format	Color
R _Y B	227, 175, 170
Decimal	14921642
CIE Lab	76.00, 18.25, 9.86
CIE LCh	76, 20.738, 28.383
Yxy	49.8931, 0.3643, 0.3349
Android (android.graphics.Color)	4293111722 (0xFFE3AFAA)
YUV	189.9780, -9.8492, 32.4683
Hunter-Lab	70.6350, 13.5408, 11.8292

Details

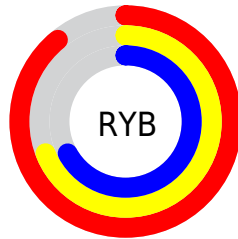
The Yxy color **49.8931, 0.3643, 0.3349** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.3746, 0.2754, 0.3230**, and the grayscale version is **51.5260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8481, 0.3333, 0.3350**, and **23.8850, 0.3794, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **41.6512, 0.3935, 0.3374**, and if you desaturate by 10%, it is **59.5262, 0.3404, 0.3324**.

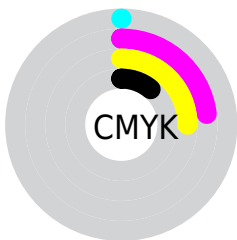
Distribution



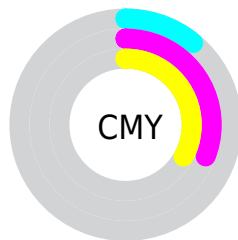
- Red (89%)
- Green (69%)
- Blue (67%)



- Red (89%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8931, 0.3643, 0.3349 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 49.8931, 0.3643, 0.3349 by changing the saturation by 10% instead.


 49.8931, 0.3643,
0.3349

 49.8931, 0.3643,
0.3349


386.2478, 0.3386,
0.3325

 35.3285, 0.3707,
0.3353


 90.0165, 0.3550,
0.3341

 23.9160, 0.3789,
0.3358

116.3440, 0.3515,
0.3338

 15.2713, 0.3897,
0.3363


147.3613, 0.3485,
0.3335

 9.0100, 0.4047,
0.3367

183.4527, 0.3459,
0.3333

 4.7477, 0.4269,
0.3367

225.0027, 0.3437,
0.3330

 2.1000, 0.4625,
0.3352

272.3956, 0.3418,

 0.6646, 0.6114,

0.3328

0.3695

326.0158, 0.3401,
0.3326

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8931, 0.3643,
0.3349

49.8931, 0.3643,
0.3349

41.6512, 0.3935,
0.3374

59.5262, 0.3404,
0.3324

34.7297, 0.4287,
0.3397

70.6034, 0.3211,
0.3301

29.0619, 0.4697,
0.3416

83.1832, 0.3055,
0.3280

24.5727, 0.5149,
0.3425

95.0758, 0.2958,
0.3290

■ 21.1787, 0.5601,
0.3419

■ 18.7859, 0.5992,
0.3397

■ 17.2841, 0.6260,
0.3359

■ 16.8279, 0.6345,
0.3344

Harmonies

Analogous

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



49.8931, 0.3452, 0.3117



49.8931, 0.3643, 0.3349



49.8931, 0.3688, 0.3578

Triad

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



49.8931, 0.3643, 0.3349



49.8931, 0.3060, 0.3691



49.8931, 0.2688, 0.2841

Complementary

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



49.8931, 0.3643, 0.3349



66.3746, 0.2754, 0.3230

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.



49.8931, 0.2596, 0.2968



49.8931, 0.3643, 0.3349



49.8931, 0.2804, 0.3465

Square

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



49.8931, 0.3643, 0.3349



49.8931, 0.3343, 0.3794



49.8931, 0.2637, 0.3195



49.8931, 0.2896, 0.2831

Rectangle

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



49.8931, 0.3643, 0.3349



49.8931, 0.3629, 0.3700



49.8931, 0.2637, 0.3195



49.8931, 0.2643, 0.2870

Sweetspot

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



49.8954, 0.3643, 0.3349



87.4429, 0.3264, 0.3308



50.3844, 0.3195, 0.2715



18.2411, 0.3292, 0.3311



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.



49.8954, 0.3643, 0.3349



59.2599, 0.3784, 0.3362



62.0827, 0.3566, 0.3667



14.5686, 0.3290, 0.3311



9.8814, 0.6332, 0.3354



0.8002, 0.6163, 0.3489

Inverse Universe

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



66.3746, 0.2754, 0.3230



84.0875, 0.2685, 0.3217



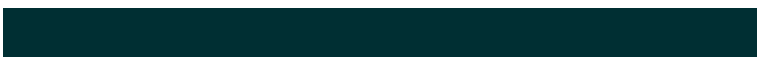
52.5818, 0.2723, 0.2881



16.1104, 0.2982, 0.3269



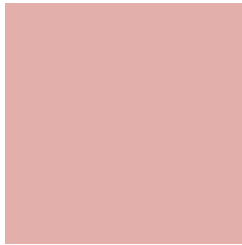
29.4136, 0.2171, 0.3016



2.2370, 0.2183, 0.3059

Previews

White Background



This preview shows how the Yxy color 49.8931, 0.3643, 0.3349 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 49.8931, 0.3643, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

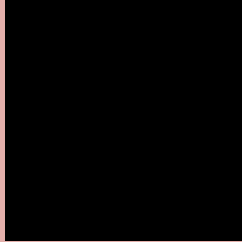
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8931, 0.3643, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 49.8931, 0.3643, 0.3349.



This preview shows how white text looks on a background with the Yxy color 49.8931, 0.3643, 0.3349.

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

49.8931, 0.3643, 0.3349

Protanopia

50.1446, 0.3273, 0.3429

Deuteranopia

50.0585, 0.3509, 0.3436



Tritanopia

50.0903, 0.3521, 0.3143

Trichromacy



Original Color

49.8931, 0.3643, 0.3349

Protanomaly

50.0448, 0.3400, 0.3401

Deuteranomaly

50.0102, 0.3559, 0.3410

Tritanomaly

50.0614, 0.3564, 0.3222

Monochromacy



Original Color

49.8931, 0.3643, 0.3349

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8133, 0.3296, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8931, 0.3643, 0.3349 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(227, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 170)  
}
```

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(227, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 170) }
```

Border

The CSS property to change the border of an element to Yxy 49.8931, 0.3643, 0.3349 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(227, 175, 170) }
```

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

```
.border{ border-color:rgb(227, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8931, 0.3643, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 170) }
```

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

```
.background{ background-color: rgb(227,  
175, 170) }
```

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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