

Converting Colors

$Yxy(39.6613, 0.3616, 0.3433)$

Have a look what the booklet for
Yxy(39.6613, 0.3616, 0.3433)
contains.

Yxy(39.4537, 0.3617, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4537, 0.3617, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	C7A095
RGB	199, 160, 149
RGB Percent	78%, 63%, 58%
CMY	0.2197, 0.3725, 0.4157
CMYK	0.00, 0.20, 0.25, 0.22
HSL	13°, 31%, 68%
HSV	13°, 25%, 78%
XYZ	41.5441, 39.4537, 33.8601
YIQ	170.4070, 26.7750, 4.8470

Conversions

Conversions Part 2

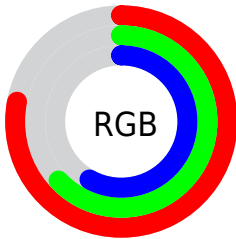
Format	Color
R _Y B	199, 163, 149
Decimal	13082773
CIE Lab	69.08, 12.74, 11.19
CIE LCh	69, 16.952, 41.294
Yxy	39.4537, 0.3617, 0.3435
Android (android.graphics.Color)	4291272853 (0xFFC7A095)
YUV	170.4070, -10.5537, 25.0761
Hunter-Lab	62.8122, 8.1390, 12.0071

Details

The Yxy color **39.4537, 0.3617, 0.3435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4633, 0.2749, 0.3140**, and the grayscale version is **40.4560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1727, 0.3512, 0.3414**, and **17.5363, 0.3773, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **33.8254, 0.3883, 0.3496**, and if you desaturate by 10%, it is **45.8654, 0.3394, 0.3375**.

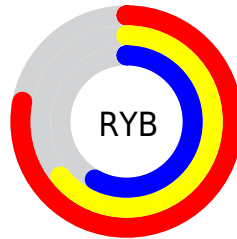
Distribution



Red (78%)

Green (63%)

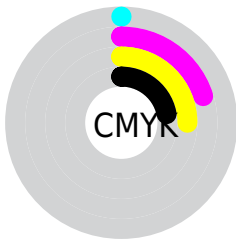
Blue (58%)



Red (78%)

Yellow (64%)

Blue (58%)

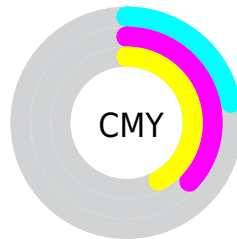


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4537, 0.3617, 0.3435 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 39.4537, 0.3617, 0.3435 by changing the saturation by 10% instead.


 39.4537, 0.3617,
0.3435


 39.4537, 0.3617,
0.3435

343.8156, 0.3363,
0.3365

 27.1129, 0.3683,
0.3451


 74.3309, 0.3523,
0.3410

 17.6580, 0.3770,
0.3472


 97.6361, 0.3488,
0.3401

 10.7047, 0.3888,
0.3497


125.3648, 0.3459,
0.3393

 5.8687, 0.4059,
0.3530

157.9015, 0.3434,
0.3386

 2.7654, 0.4325,
0.3570

195.6305, 0.3413,
0.3380

 1.0105, 0.5035,
0.3793

238.9362, 0.3394,

 0.0000, 1.0000,

0.3374

0.0000

288.2032, 0.3378,
0.3369

0.0000, 0.0000,
0.0000

39.4537, 0.3617,
0.3435

39.4537, 0.3617,
0.3435

33.8254, 0.3883,
0.3496

45.8654, 0.3394,
0.3375

28.9449, 0.4196,
0.3555

53.0835, 0.3209,
0.3318

24.7819, 0.4555,
0.3604

61.1369, 0.3056,
0.3265

21.3020, 0.4950,
0.3636

70.0513, 0.2928,
0.3216

18.4675, 0.5355,
0.3641

79.8513, 0.2821,
0.3172

■ 16.2374, 0.5729,
0.3609

■ 89.6680, 0.2798,
0.3269

■ 14.5649, 0.6027,
0.3539

■ 90.8788, 0.2800,
0.3289

■ 13.9287, 0.6146,
0.3502

Harmonies

Analogous

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



39.4537, 0.3500, 0.3223



39.4537, 0.3617, 0.3435



39.4537, 0.3596, 0.3620

Triad

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



39.4537, 0.3617, 0.3435



39.4537, 0.2964, 0.3567



39.4537, 0.2807, 0.2874

Complementary

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



39.4537, 0.3617, 0.3435



46.4633, 0.2749, 0.3140

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.



39.4537, 0.2676, 0.2945



39.4537, 0.3617, 0.3435



39.4537, 0.2765, 0.3343

Square

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



39.4537, 0.3617, 0.3435



39.4537, 0.3213, 0.3710



39.4537, 0.2661, 0.3113



39.4537, 0.3025, 0.2909

Rectangle

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



39.4537, 0.3617, 0.3435



39.4537, 0.3508, 0.3703



39.4537, 0.2661, 0.3113



39.4537, 0.2752, 0.2886

Sweetspot

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



39.4555, 0.3617, 0.3435



89.0239, 0.3261, 0.3334



37.2718, 0.3257, 0.2798



18.6359, 0.3289, 0.3343



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.



39.4555, 0.3617, 0.3435



63.6850, 0.3753, 0.3468



48.9302, 0.3542, 0.3745



11.0097, 0.3284, 0.3342



9.0671, 0.6124, 0.3520



0.5405, 0.5712, 0.3847

Inverse Universe

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



46.4633, 0.2749, 0.3140



77.9765, 0.2672, 0.3104



36.7641, 0.2718, 0.2789



11.6557, 0.2984, 0.3238



17.8918, 0.2048, 0.2571



0.9482, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 39.4537, 0.3617, 0.3435 looks on a white background.

Color Contrast Check

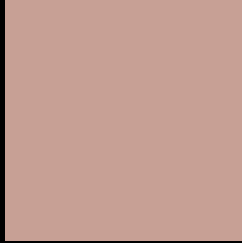
Large Text (above 18pt) WCAG AA × Fail

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 39.4537, 0.3617, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

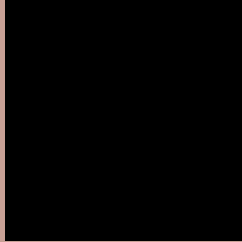
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4537, 0.3617, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 39.4537, 0.3617, 0.3435.



This preview shows how white text looks on a background with the Yxy color 39.4537, 0.3617, 0.3435.

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

39.4537, 0.3617, 0.3435

Protanopia

39.4191, 0.3324, 0.3500

Deuteranopia

39.5708, 0.3538, 0.3478



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.4537, 0.3617, 0.3435

Protanomaly

39.3676, 0.3426, 0.3468

Deuteranomaly

39.6127, 0.3571, 0.3463

Tritanomaly

39.3417, 0.3505, 0.3240

Monochromacy



Original Color

39.4537, 0.3617, 0.3435

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7048, 0.3304, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4537, 0.3617, 0.3435 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, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 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(199, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.4537, 0.3617, 0.3435 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, 160, 149) }
```

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

```
.border{ border-color:rgb(199, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 160, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 160, 149); box-shadow:4px 4px 4px 4px rgb(199, 160, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4537, 0.3617, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 149) }
```

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

```
.background{ background-color: rgb(199,  
160, 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](#).

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