

Converting Colors

$Yxy(39.8438, 0.3592, 0.3419)$

Have a look what the booklet for
Yxy(39.8438, 0.3592, 0.3419)
contains.

| | |
|--|----|
| Yxy(39.8662, 0.3595, 0.3422) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(39.8662, 0.3595, 0.3422)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C7A197 |
| RGB | 199, 161, 151 |
| RGB Percent | 78%, 63%, 59% |
| CMY | 0.2196, 0.3686, 0.4080 |
| CMYK | 0.00, 0.19, 0.24, 0.22 |
| HSL | 13°, 30%, 69% |
| HSV | 13°, 24%, 78% |
| XYZ | 41.8816, 39.8662, 34.7519 |
| YIQ | 171.2220, 25.8580, 4.9460 |

Conversions

Conversions Part 2

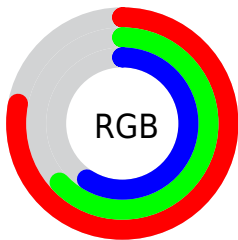
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 199, 164, 151 |
| Decimal | 13083031 |
| CIE Lab | 69.37, 12.49, 10.52 |
| CIE LCh | 69, 16.327, 40.104 |
| Yxy | 39.8662, 0.3595, 0.3422 |
| Android (android.graphics.Color) | 4291273111 (0xFFC7A197) |
| YUV | 171.2220, -9.9694, 24.3613 |
| Hunter-Lab | 63.1397, 7.9077, 11.5648 |

Details

The Yxy color **39.8662, 0.3595, 0.3422** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0777, 0.2764, 0.3154**, and the grayscale version is **40.8834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7795, 0.3496, 0.3403**, and **17.7867, 0.3740, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **34.1154, 0.3858, 0.3480**, and if you desaturate by 10%, it is **46.4224, 0.3375, 0.3365**.

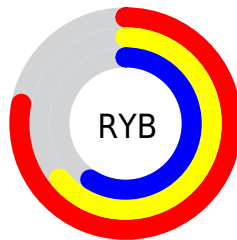
Distribution



Red (78%)

Green (63%)

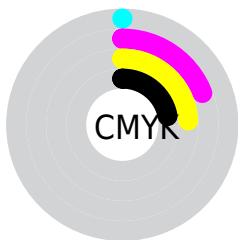
Blue (59%)



Red (78%)

Yellow (64%)

Blue (59%)

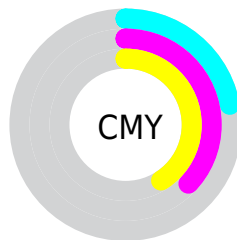


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8662, 0.3595, 0.3422 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 39.8662, 0.3595, 0.3422 by changing the saturation by 10% instead.


 39.8662, 0.3595,
0.3422


 39.8662, 0.3595,
0.3422


345.5593, 0.3353,
0.3359

 27.4342, 0.3658,
0.3437


 74.9597, 0.3505,
0.3400

 17.8996, 0.3740,
0.3455


 98.3901, 0.3472,
0.3391

 10.8779, 0.3853,
0.3479


126.2553, 0.3444,
0.3384

 5.9848, 0.4015,
0.3508

158.9399, 0.3421,
0.3377

 2.8358, 0.4267,
0.3545

196.8282, 0.3400,
0.3372

 1.0466, 0.4884,
0.3715

240.3046, 0.3382,

 0.0000, 1.0000,

0.3367

0.0000

289.7535, 0.3367,
0.3362

0.0000, 0.0000,
0.0000

39.8662, 0.3595,
0.3422

39.8662, 0.3595,
0.3422

34.1154, 0.3858,
0.3480

46.4224, 0.3375,
0.3365

29.1333, 0.4170,
0.3536

53.8078, 0.3193,
0.3311

24.8887, 0.4529,
0.3584

62.0522, 0.3042,
0.3261

21.3459, 0.4925,
0.3616

71.1822, 0.2917,
0.3216

18.4661, 0.5335,
0.3622

81.2232, 0.2812,
0.3174

■ 16.2069, 0.5718,
0.3593

■ 90.8820, 0.2800,
0.3289

■ 14.5202, 0.6026,
0.3529

■ 13.7694, 0.6167,
0.3485

Harmonies

Analogous

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



39.8662, 0.3478, 0.3219



39.8662, 0.3595, 0.3422



39.8662, 0.3581, 0.3602

Triad

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



39.8662, 0.3595, 0.3422



39.8662, 0.2980, 0.3563



39.8662, 0.2813, 0.2891

Complementary

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



39.8662, 0.3595, 0.3422



47.0777, 0.2764, 0.3154

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.



39.8662, 0.2691, 0.2964



39.8662, 0.3595, 0.3422



39.8662, 0.2785, 0.3350

Square

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



39.8662, 0.3595, 0.3422



39.8662, 0.3220, 0.3696



39.8662, 0.2681, 0.3129



39.8662, 0.3020, 0.2920

Rectangle

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



39.8662, 0.3595, 0.3422



39.8662, 0.3499, 0.3683



39.8662, 0.2681, 0.3129



39.8662, 0.2761, 0.2904

Sweetspot

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



39.8680, 0.3595, 0.3422



90.2234, 0.3244, 0.3327



37.9564, 0.3243, 0.2808



19.1387, 0.3254, 0.3330



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.



39.8680, 0.3595, 0.3422



64.3074, 0.3728, 0.3453



48.9021, 0.3527, 0.3717



10.9902, 0.3284, 0.3339



8.9582, 0.6146, 0.3502



0.5317, 0.5740, 0.3824

Inverse Universe

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



47.0777, 0.2764, 0.3154



79.1010, 0.2688, 0.3120



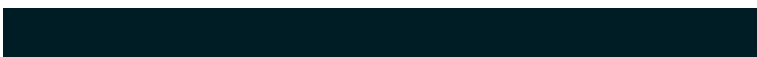
37.7466, 0.2736, 0.2823



11.6766, 0.2984, 0.3241



18.3750, 0.2059, 0.2610



0.9674, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 39.8662, 0.3595, 0.3422 looks on a white background.

Color Contrast Check

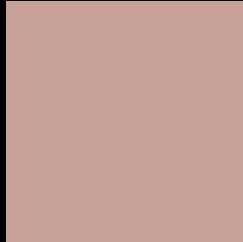
Large Text (above 18pt) WCAG AA × Fail

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 39.8662, 0.3595, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

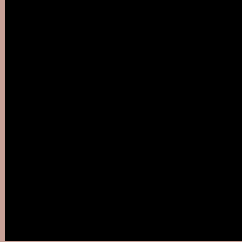
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8662, 0.3595, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 39.8662, 0.3595, 0.3422.



This preview shows how white text looks on a background with the Yxy color 39.8662, 0.3595, 0.3422.

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

39.8662, 0.3595, 0.3422

Protanopia

39.9726, 0.3314, 0.3485

Deuteranopia

39.7662, 0.3529, 0.3450



Tritanopia

39.7735, 0.3437, 0.3138

Trichromacy



Original Color

39.8662, 0.3595, 0.3422

Protanomaly

39.7959, 0.3405, 0.3454

Deuteranomaly

39.6771, 0.3552, 0.3436

Tritanomaly

39.7200, 0.3493, 0.3240

Monochromacy



Original Color

39.8662, 0.3595, 0.3422

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1415, 0.3284, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8662, 0.3595, 0.3422 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, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 151)  
}
```

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, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 39.8662, 0.3595, 0.3422 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, 161, 151) }
```

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

```
.border{ border-color:rgb(199, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8662, 0.3595, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 151) }
```

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

```
.background{ background-color: rgb(199,  
161, 151) }
```

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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