

Converting Colors

$Yxy(39.8236, 0.3681, 0.3665)$

Have a look what the booklet for
Yxy(39.8236, 0.3681, 0.3665)
contains.

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Color

Yxy(39.7978, 0.3679, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	C2A488
RGB	194, 164, 136
RGB Percent	76%, 64%, 53%
CMY	0.2393, 0.3568, 0.4667
CMYK	0.00, 0.15, 0.30, 0.24
HSL	29°, 32%, 65%
HSV	29°, 30%, 76%
XYZ	39.9607, 39.7978, 28.8599
YIQ	169.7780, 26.8680, -2.3480

Conversions

Conversions Part 2

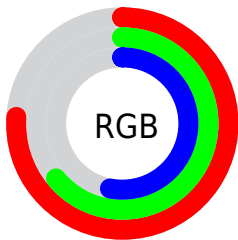
Format	Color
RYB	194, 190, 136
Decimal	12756104
CIELab	69.33, 6.79, 18.64
CIElCh	69, 19.839, 69.984
Yxy	39.7978, 0.3679, 0.3664
Android (android.graphics.Color)	4290946184 (0xFFC2A488)
YUV	169.7780, -16.6526, 21.2427
Hunter-Lab	63.0855, 2.6690, 17.0363

Details

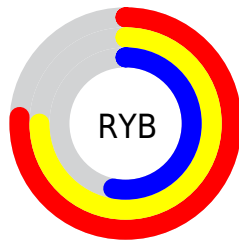
The Yxy color **39.7978, 0.3679, 0.3664** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3744, 0.2656, 0.2883**, and the grayscale version is **40.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8464, 0.3575, 0.3601**, and **17.7492, 0.3844, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **35.8507, 0.3913, 0.3794**, and if you desaturate by 10%, it is **44.1309, 0.3470, 0.3534**.

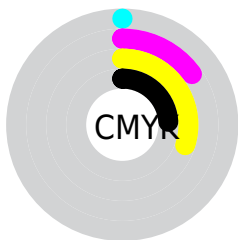
Distribution



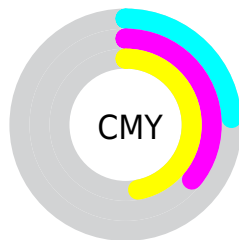
- Red (76%)
- Green (64%)
- Blue (53%)



- Red (76%)
- Yellow (75%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7978, 0.3679, 0.3664 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 39.7978, 0.3679, 0.3664 by changing the saturation by 10% instead.


 39.7978, 0.3679,
0.3664


 39.7978, 0.3679,
0.3664


345.2706, 0.3395,
0.3477


 27.3809, 0.3752,
0.3710


 74.8555, 0.3574,
0.3596

 17.8595, 0.3847,
0.3768


 98.2651, 0.3535,
0.3571

 10.8492, 0.3975,
0.3845


 126.1078, 0.3502,
0.3549

 5.9655, 0.4156,
0.3947

158.7679, 0.3475,
0.3531

 2.8241, 0.4427,
0.4086

196.6299, 0.3450,
0.3515

 1.0406, 0.5325,
0.4675

240.0780, 0.3430,

 0.0000, 1.0000,

0.3501

0.0000

289.4968, 0.3411,
0.3488

■ 0.0000, 0.0000,
0.0000

■ 39.7978, 0.3679,
0.3664

■ 39.7978, 0.3679,
0.3664

■ 35.8507, 0.3913,
0.3794

■ 44.1309, 0.3470,
0.3534

■ 32.2723, 0.4171,
0.3916

■ 48.8557, 0.3286,
0.3408

■ 29.0518, 0.4446,
0.4020

■ 53.9849, 0.3126,
0.3289

■ 26.1756, 0.4728,
0.4096

■ 59.5285, 0.2986,
0.3178

■ 23.6291, 0.5001,
0.4130

■ 65.4966, 0.2865,
0.3075

■ 21.3958, 0.5247,
0.4112

■ 71.8986, 0.2759,
0.2981

■ 19.4509, 0.5458,
0.4047

■ 77.6166, 0.2754,
0.3064

■ 19.4321, 0.5461,
0.4046

■ 83.4886, 0.2763,
0.3174

■ 89.6885, 0.2772,
0.3280

Harmonies

Analogous

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



39.7978, 0.3697, 0.3445



39.7978, 0.3679, 0.3664



39.7978, 0.3508, 0.3796

Triad

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



39.7978, 0.3679, 0.3664



39.7978, 0.2713, 0.3363



39.7978, 0.2995, 0.2845

Complementary

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



39.7978, 0.3679, 0.3664



36.3744, 0.2656, 0.2883

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.



39.7978, 0.2745, 0.2809



39.7978, 0.3679, 0.3664



39.7978, 0.2589, 0.3092

Square

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



39.7978, 0.3679, 0.3664



39.7978, 0.2948, 0.3626



39.7978, 0.2601, 0.2893



39.7978, 0.3292, 0.2986

Rectangle

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



39.7978, 0.3679, 0.3664



39.7978, 0.3335, 0.3808



39.7978, 0.2601, 0.2893



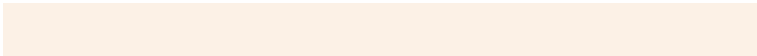
39.7978, 0.2903, 0.2820

Sweetspot

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



39.7996, 0.3679, 0.3664



89.2192, 0.3273, 0.3399



31.8191, 0.3449, 0.2894



19.2481, 0.3299, 0.3417



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.



39.7996, 0.3679, 0.3664



67.2789, 0.3833, 0.3751



51.3845, 0.3576, 0.4017



10.8636, 0.3277, 0.3402



12.9430, 0.5440, 0.4063



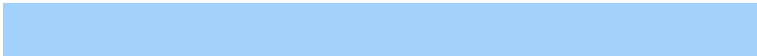
0.6972, 0.5090, 0.4340

Inverse Universe

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



36.3744, 0.2656, 0.2883



60.0540, 0.2548, 0.2776



27.0022, 0.2607, 0.2443



10.5892, 0.2984, 0.3176



8.7441, 0.1792, 0.1650



0.5154, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 39.7978, 0.3679, 0.3664 looks on a white background.

Color Contrast Check

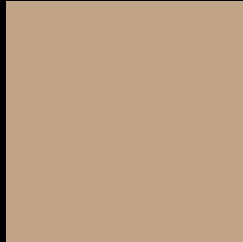
Large Text (above 18pt) WCAG AA × Fail

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 39.7978, 0.3679, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

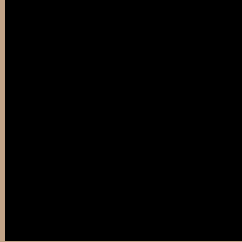
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7978, 0.3679, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 39.7978, 0.3679, 0.3664.



This preview shows how white text looks on a background with the Yxy color 39.7978, 0.3679, 0.3664.

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

39.7978, 0.3679, 0.3664

Protanopia

39.7946, 0.3495, 0.3722

Deuteranopia

39.8423, 0.3713, 0.3647



Tritanopia

39.7423, 0.3397, 0.3136

Trichromacy



Original Color

39.7978, 0.3679, 0.3664

Protanomaly

39.6339, 0.3559, 0.3703

Deuteranomaly

39.7077, 0.3703, 0.3648

Tritanomaly

39.8287, 0.3507, 0.3330

Monochromacy



Original Color

39.7978, 0.3679, 0.3664

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0576, 0.3317, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7978, 0.3679, 0.3664 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(194, 164, 136)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 136)  
}
```

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(194, 164, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 136) }
```

Border

The CSS property to change the border of an element to Yxy 39.7978, 0.3679, 0.3664 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(194, 164, 136) }
```

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

```
.border{ border-color:rgb(194, 164, 136) }
```

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

Here you see how a box with a 4 pixel rgb(194, 164, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 136);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7978, 0.3679, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 136) }
```

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

```
.background{ background-color: rgb(194,  
164, 136) }
```

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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