

Converting Colors

$Yxy(35.9305, 0.3953, 0.3726)$

Have a look what the booklet for
Yxy(35.9305, 0.3953, 0.3726)
contains.

Yxy(35.9305, 0.3953, 0.3726)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9305, 0.3953, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	C79877
RGB	199, 152, 119
RGB Percent	78%, 60%, 47%
CMY	0.2195, 0.4040, 0.5333
CMYK	0.00, 0.24, 0.40, 0.22
HSL	25°, 42%, 62%
HSV	25°, 40%, 78%
XYZ	38.1195, 35.9305, 22.3818
YIQ	162.2910, 38.6050, -0.2990

Conversions

Conversions Part 2

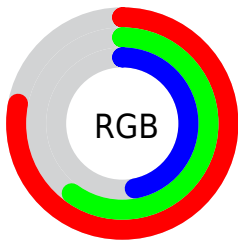
Format	Color
RYB	199, 175, 119
Decimal	13080695
CIELab	66.47, 13.27, 24.15
CIELCh	66, 27.554, 61.216
Yxy	35.9305, 0.3953, 0.3726
Android (android.graphics.Color)	4291270775 (0xFFC79877)
YUV	162.2910, -21.3425, 32.1938
Hunter-Lab	59.9421, 8.6165, 19.8211

Details

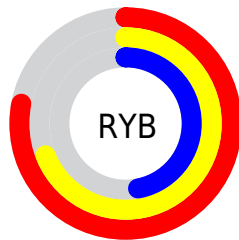
The Yxy color **35.9305, 0.3953, 0.3726** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.3433, 0.2503, 0.2802**, and the grayscale version is **36.3655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3429, 0.3779, 0.3655**, and **15.5892, 0.4211, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **31.8901, 0.4233, 0.3830**, and if you desaturate by 10%, it is **40.4492, 0.3703, 0.3615**.

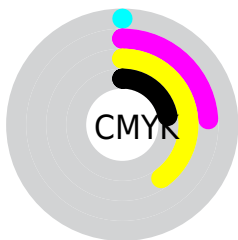
Distribution



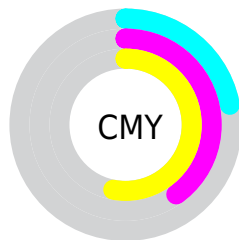
- Red (78%)
- Green (60%)
- Blue (47%)



- Red (78%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9305, 0.3953, 0.3726 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 35.9305, 0.3953, 0.3726 by changing the saturation by 10% instead.


 35.9305, 0.3953,
0.3726

 35.9305, 0.3953,
0.3726


328.6567, 0.3521,
0.3513

 24.3805, 0.4066,
0.3776


 68.9248, 0.3792,
0.3651

 15.6161, 0.4213,
0.3837


 91.1379, 0.3733,
0.3622

 9.2529, 0.4411,
0.3911


 117.6741, 0.3683,
0.3597

 4.9065, 0.4690,
0.4000

148.9179, 0.3641,
0.3575

 2.1925, 0.5235,
0.4197

185.2537, 0.3604,
0.3557

 0.7159, 0.5864,
0.4136

227.0658, 0.3573,

 0.0000, 0.0000,

0.3540

0.0000

274.7387, 0.3545,
0.3526

■ 35.9305, 0.3953,
0.3726

■ 35.9305, 0.3953,
0.3726

■ 31.8901, 0.4233,
0.3830

■ 40.4492, 0.3703,
0.3615

■ 28.3059, 0.4536,
0.3917

■ 45.4573, 0.3484,
0.3503

■ 25.1613, 0.4852,
0.3976


■ 50.9718, 0.3294,
0.3394

■ 22.4362, 0.5161,
0.3992

■ 57.0072, 0.3130,
0.3292

■ 20.1089, 0.5440,
0.3957

■ 63.5774, 0.2990,
0.3197

 18.1847, 0.5671,
0.3879

 70.6958, 0.2869,
0.3109

 78.1584, 0.2783,
0.3064

 85.0396, 0.2793,
0.3190

 90.8876, 0.2800,
0.3289

Harmonies

Analogous

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



35.9305, 0.3913, 0.3396



35.9305, 0.3953, 0.3726



35.9305, 0.3758, 0.3974

Triad

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



35.9305, 0.3953, 0.3726



35.9305, 0.2620, 0.3511



35.9305, 0.2819, 0.2635

Complementary

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



35.9305, 0.3953, 0.3726



35.3433, 0.2503, 0.2802

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.



35.9305, 0.2509, 0.2626



35.9305, 0.3953, 0.3726



35.9305, 0.2399, 0.3101

Square

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



35.9305, 0.3953, 0.3726



35.9305, 0.2982, 0.3874



35.9305, 0.2361, 0.2785



35.9305, 0.3233, 0.2793

Rectangle

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



35.9305, 0.3953, 0.3726



35.9305, 0.3531, 0.4046



35.9305, 0.2361, 0.2785



35.9305, 0.2700, 0.2615

Sweetspot

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



35.9322, 0.3953, 0.3726



87.2372, 0.3329, 0.3415



28.1348, 0.3526, 0.2671



18.3925, 0.3353, 0.3429



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.



35.9322, 0.3953, 0.3726



56.8245, 0.4189, 0.3815



50.7574, 0.3759, 0.4190



11.3428, 0.3279, 0.3386



11.8516, 0.5647, 0.3898



0.7032, 0.5273, 0.4195

Inverse Universe

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



35.3433, 0.2503, 0.2802



55.6281, 0.2377, 0.2678



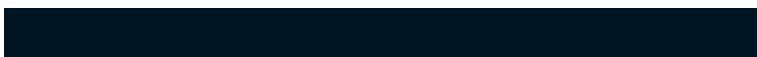
23.2303, 0.2408, 0.2193



11.3064, 0.2983, 0.3192



11.0084, 0.1860, 0.1894



0.6615, 0.1949, 0.2216

Previews

White Background



This preview shows how the Yxy color 35.9305, 0.3953, 0.3726 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 35.9305, 0.3953, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

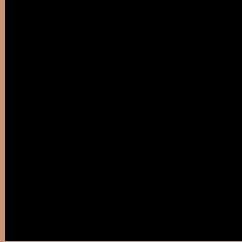
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9305, 0.3953, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 35.9305, 0.3953, 0.3726.



This preview shows how white text looks on a background with the Yxy color 35.9305, 0.3953, 0.3726.

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

35.9305, 0.3953, 0.3726

Protanopia

36.1550, 0.3595, 0.3853

Deuteranopia

35.9572, 0.3873, 0.3792



Tritanopia

36.0326, 0.3604, 0.3150

Trichromacy



Original Color

35.9305, 0.3953, 0.3726

Protanomaly

35.8039, 0.3714, 0.3796

Deuteranomaly

36.0213, 0.3910, 0.3773

Tritanomaly

36.0651, 0.3736, 0.3357

Monochromacy



Original Color

35.9305, 0.3953, 0.3726

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6430, 0.3408, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9305, 0.3953, 0.3726 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, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 152, 119)  
}
```

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, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 152, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.9305, 0.3953, 0.3726 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, 152, 119) }
```

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

```
.border{ border-color:rgb(199, 152, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 152, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 152,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9305, 0.3953, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 152, 119) }
```

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

```
.background{ background-color: rgb(199,  
152, 119) }
```

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