

Converting Colors

$Yxy(39.6177, 0.3845, 0.3664)$

Have a look what the booklet for
Yxy(39.6177, 0.3845, 0.3664)
contains.

Yxy(39.6177, 0.3845, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6177, 0.3845, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	CCA083
RGB	204, 160, 131
RGB Percent	80%, 63%, 51%
CMY	0.1999, 0.3726, 0.4862
CMYK	0.00, 0.22, 0.36, 0.20
HSL	24°, 42%, 66%
HSV	24°, 36%, 80%
XYZ	41.5748, 39.6177, 26.9344
YIQ	169.8500, 35.5330, 0.3090

Conversions

Conversions Part 2

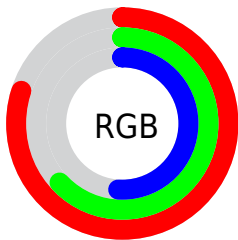
Format	Color
RYB	204, 179, 131
Decimal	13410435
CIELab	69.20, 12.32, 21.34
CIELCh	69, 24.644, 59.998
Yxy	39.6177, 0.3845, 0.3664
Android (android.graphics.Color)	4291600515 (0xFFCCA083)
YUV	169.8500, -19.1530, 29.9496
Hunter-Lab	62.9426, 7.7532, 18.6884

Details

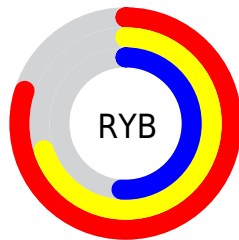
The Yxy color **39.6177, 0.3845, 0.3664** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.8650, 0.2572, 0.2880**, and the grayscale version is **40.2060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3216, 0.3653, 0.3610**, and **17.6151, 0.4068, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **35.0627, 0.4116, 0.3769**, and if you desaturate by 10%, it is **44.7076, 0.3606, 0.3555**.

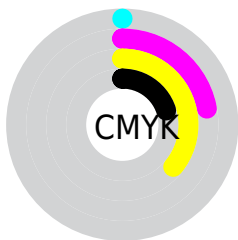
Distribution



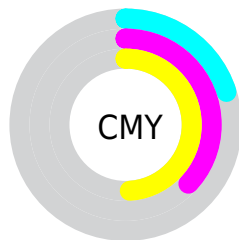
- Red (80%)
- Green (63%)
- Blue (51%)



- Red (80%)
- Yellow (70%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (20%)




- Cyan (20%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6177, 0.3845, 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 39.6177, 0.3845, 0.3664 by changing the saturation by 10% instead.

 39.6177, 0.3845,
0.3664


 39.6177, 0.3845,
0.3664

344.5096, 0.3474,
0.3482


 27.2406, 0.3940,
0.3707


 74.5810, 0.3708,
0.3600

 17.7540, 0.4064,
0.3759


 97.9360, 0.3657,
0.3575

 10.7735, 0.4230,
0.3825


 125.7191, 0.3615,
0.3554

 5.9148, 0.4464,
0.3907

158.3146, 0.3578,
0.3536

 2.7933, 0.4814,
0.4007

196.1071, 0.3547,
0.3520

 1.0248, 0.5675,
0.4325

239.4808, 0.3520,

 0.0000, 1.0000,

0.3506

0.0000


288.8202, 0.3496,
0.3493


 0.0000, 0.0000,
0.0000

 39.6177, 0.3845,
0.3664

 39.6177, 0.3845,
0.3664

 35.0627, 0.4116,
0.3769

 44.7076, 0.3606,
0.3555


 31.0184, 0.4416,
0.3861

 50.3444, 0.3398,
0.3448


 27.4667, 0.4736,
0.3930


 56.5467, 0.3219,
0.3346


 24.3863, 0.5059,
0.3963

 63.3305, 0.3065,
0.3251


 21.7536, 0.5361,
0.3948

 70.7110, 0.2934,
0.3162

 19.5422, 0.5618,
0.3880

 78.7029, 0.2821,
0.3081

 18.7225, 0.5716,
0.3843

 86.0474, 0.2821,
0.3196

 91.5805, 0.2827,
0.3289

Harmonies

Analogous

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



39.6177, 0.3800, 0.3375



39.6177, 0.3845, 0.3664



39.6177, 0.3687, 0.3879

Triad

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



39.6177, 0.3845, 0.3664



39.6177, 0.2698, 0.3496



39.6177, 0.2848, 0.2714

Complementary

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



39.6177, 0.3845, 0.3664



39.8650, 0.2572, 0.2880

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.



39.6177, 0.2580, 0.2714



39.6177, 0.3845, 0.3664



39.6177, 0.2497, 0.3144

Square

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



39.6177, 0.3845, 0.3664



39.6177, 0.3018, 0.3800



39.6177, 0.2456, 0.2862



39.6177, 0.3206, 0.2847

Rectangle

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



39.6177, 0.3845, 0.3664



39.6177, 0.3494, 0.3941



39.6177, 0.2456, 0.2862



39.6177, 0.2745, 0.2698

Sweetspot

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



39.6196, 0.3845, 0.3664



88.0011, 0.3311, 0.3400



32.2140, 0.3456, 0.2724



18.5369, 0.3336, 0.3414



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.



39.6196, 0.3845, 0.3664



59.6555, 0.4053, 0.3746



53.7366, 0.3694, 0.4081



11.9321, 0.3280, 0.3382



11.9519, 0.5691, 0.3863



0.7637, 0.5333, 0.4147

Inverse Universe

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



39.8650, 0.2572, 0.2880



60.0977, 0.2455, 0.2773



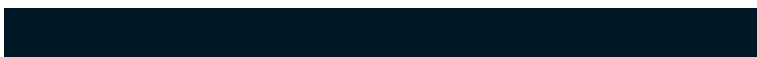
27.8081, 0.2499, 0.2350



11.9506, 0.2983, 0.3196



11.8507, 0.1874, 0.1946



0.7570, 0.1955, 0.2237

Previews

White Background



This preview shows how the Yxy color 39.6177, 0.3845, 0.3664 looks on a white background.

Color Contrast Check

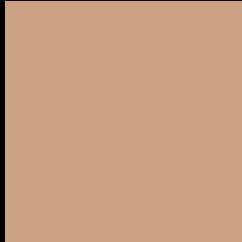
Large Text (above 18pt) WCAG AA × Fail

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 39.6177, 0.3845, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

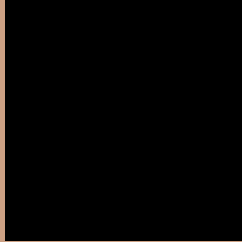
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6177, 0.3845, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 39.6177, 0.3845, 0.3664.



This preview shows how white text looks on a background with the Yxy color 39.6177, 0.3845, 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

39.6177, 0.3845, 0.3664

Protanopia

39.8285, 0.3532, 0.3763

Deuteranopia

39.4851, 0.3775, 0.3698



Tritanopia

39.6426, 0.3543, 0.3141

Trichromacy



Original Color

39.6177, 0.3845, 0.3664

Protanomaly

39.8125, 0.3640, 0.3723

Deuteranomaly

39.4078, 0.3800, 0.3683

Tritanomaly

39.7124, 0.3657, 0.3330

Monochromacy



Original Color

39.6177, 0.3845, 0.3664

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6178, 0.3368, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6177, 0.3845, 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(204, 160, 131)` looks like.

```
.text, #text, p{  
    color:rgb(204, 160, 131)  
}
```

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(204, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 160, 131) }
```

Border

The CSS property to change the border of an element to Yxy 39.6177, 0.3845, 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(204, 160, 131) }
```

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

```
.border{ border-color:rgb(204, 160, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(204, 160,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6177, 0.3845, 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(204, 160, 131) }
```

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

```
.background{ background-color: rgb(204,  
160, 131) }
```

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