

Converting Colors

$Yxy(39.8099, 0.3706, 0.3649)$

Have a look what the booklet for
Yxy(39.8099, 0.3706, 0.3649)
contains.

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Color

Yxy(39.7077, 0.3703, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	C4A388
RGB	196, 163, 136
RGB Percent	77%, 64%, 53%
CMY	0.2314, 0.3608, 0.4666
CMYK	0.00, 0.17, 0.31, 0.23
HSL	27°, 34%, 65%
HSV	27°, 31%, 77%
XYZ	40.3064, 39.7077, 28.8338
YIQ	169.7890, 28.3350, -1.4010

Conversions

Conversions Part 2

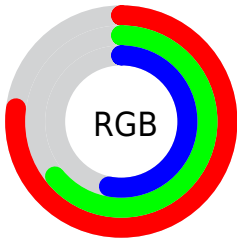
Format	Color
R _Y B	196, 185, 136
Decimal	12886920
CIE Lab	69.26, 8.14, 18.57
CIE LCh	69, 20.276, 66.315
Yxy	39.7077, 0.3703, 0.3648
Android (android.graphics.Color)	4291077000 (0xFFC4A388)
YUV	169.7890, -16.6580, 22.9870
Hunter-Lab	63.0140, 3.9013, 16.9801

Details

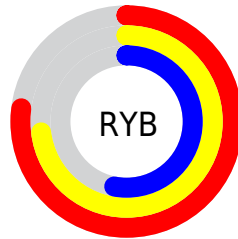
The Yxy color **39.7077, 0.3703, 0.3648** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5965, 0.2648, 0.2901**, and the grayscale version is **40.1629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6996, 0.3593, 0.3590**, and **17.7035, 0.3879, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **35.5358, 0.3946, 0.3769**, and if you desaturate by 10%, it is **44.3115, 0.3488, 0.3526**.

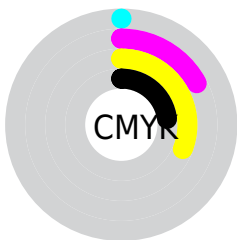
Distribution



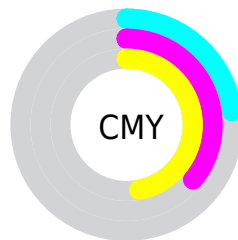
- Red (77%)
- Green (64%)
- Blue (53%)



- Red (77%)
- Yellow (73%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (23%)




- Cyan (23%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7077, 0.3703, 0.3648 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 39.7077, 0.3703, 0.3648 by changing the saturation by 10% instead.

 39.7077, 0.3703,
0.3648


 39.7077, 0.3703,
0.3648


344.8900, 0.3406,
0.3470

 27.3107, 0.3780,
0.3691


 74.7182, 0.3593,
0.3584

 17.8067, 0.3879,
0.3746


 98.1005, 0.3553,
0.3560

 10.8113, 0.4013,
0.3817


 125.9134, 0.3518,
0.3539

 5.9401, 0.4203,
0.3912

158.5412, 0.3489,
0.3521

 2.8087, 0.4489,
0.4038

196.3684, 0.3464,
0.3506

 1.0327, 0.5413,
0.4587

239.7793, 0.3442,

 0.0000, 1.0000,

0.3493

0.0000

289.1584, 0.3423,
0.3481

0.0000, 0.0000,
0.0000

39.7077, 0.3703,
0.3648

39.7077, 0.3703,
0.3648

35.5358, 0.3946,
0.3769

44.3115, 0.3488,
0.3526

31.7766, 0.4215,
0.3882

49.3547, 0.3300,
0.3408

28.4175, 0.4504,
0.3977

54.8513, 0.3136,
0.3297

25.4429, 0.4802,
0.4043

60.8133, 0.2995,
0.3192

22.8359, 0.5091,
0.4066

67.2520, 0.2873,
0.3096

■ 20.5776, 0.5351,
0.4037

■ 74.1782, 0.2768,
0.3008

■ 18.7490, 0.5560,
0.3968

■ 80.3739, 0.2770,
0.3112

■ 86.8562, 0.2779,
0.3228

■ 90.4759, 0.2784,
0.3289

Harmonies

Analogous

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



39.7077, 0.3701, 0.3417



39.7077, 0.3703, 0.3648



39.7077, 0.3545, 0.3798

Triad

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



39.7077, 0.3703, 0.3648



39.7077, 0.2728, 0.3399



39.7077, 0.2956, 0.2825

Complementary

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



39.7077, 0.3703, 0.3648



37.5965, 0.2648, 0.2901

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.



39.7077, 0.2712, 0.2802



39.7077, 0.3703, 0.3648



39.7077, 0.2586, 0.3118

Square

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



39.7077, 0.3703, 0.3648



39.7077, 0.2979, 0.3661



39.7077, 0.2580, 0.2903



39.7077, 0.3258, 0.2957

Rectangle

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



39.7077, 0.3703, 0.3648



39.7077, 0.3374, 0.3824



39.7077, 0.2580, 0.2903



39.7077, 0.2865, 0.2804

Sweetspot

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



39.7095, 0.3703, 0.3648



90.8186, 0.3274, 0.3391



32.2102, 0.3438, 0.2859



19.1352, 0.3300, 0.3408



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.



39.7095, 0.3703, 0.3648



66.5847, 0.3870, 0.3733



51.6539, 0.3594, 0.4012



10.8076, 0.3278, 0.3394



12.2139, 0.5536, 0.3986



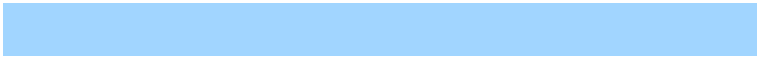
0.6652, 0.5162, 0.4283

Inverse Universe

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



37.5965, 0.2648, 0.2901



62.1182, 0.2537, 0.2797



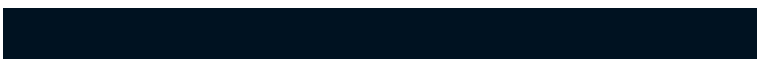
27.6868, 0.2596, 0.2449



10.6456, 0.2984, 0.3184



9.5985, 0.1824, 0.1764



0.5508, 0.1927, 0.2137

Previews

White Background



This preview shows how the Yxy color 39.7077, 0.3703, 0.3648 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 39.7077, 0.3703, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

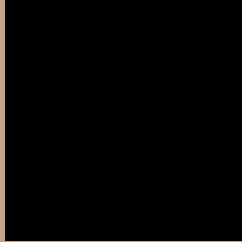
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7077, 0.3703, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 39.7077, 0.3703, 0.3648.



This preview shows how white text looks on a background with the Yxy color 39.7077, 0.3703, 0.3648.

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

39.7077, 0.3703, 0.3648

Protanopia

39.8237, 0.3486, 0.3708

Deuteranopia

39.8423, 0.3713, 0.3647



Tritanopia

39.6354, 0.3428, 0.3137

Trichromacy



Original Color

39.7077, 0.3703, 0.3648

Protanomaly

39.7867, 0.3560, 0.3687

Deuteranomaly

39.8423, 0.3713, 0.3647

Tritanomaly

39.7523, 0.3529, 0.3317

Monochromacy



Original Color

39.7077, 0.3703, 0.3648

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6898, 0.3319, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7077, 0.3703, 0.3648 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(196, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 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(196, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 136) }
```

Border

The CSS property to change the border of an element to Yxy 39.7077, 0.3703, 0.3648 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(196, 163, 136) }
```

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

```
.border{ border-color:rgb(196, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7077, 0.3703, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 136) }
```

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

```
.background{ background-color: rgb(196,  
163, 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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