

Converting Colors

$Yxy(39.0694, 0.3760, 0.3670)$

Have a look what the booklet for
Yxy(39.0694, 0.3760, 0.3670)
contains.

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Color

Yxy(39.0260, 0.3760, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	C5A184
RGB	197, 161, 132
RGB Percent	77%, 63%, 52%
CMY	0.2274, 0.3686, 0.4824
CMYK	0.00, 0.18, 0.33, 0.23
HSL	27°, 36%, 65%
HSV	27°, 33%, 77%
XYZ	39.9395, 39.0260, 27.2566
YIQ	168.4580, 30.7650, -1.3870

Conversions

Conversions Part 2

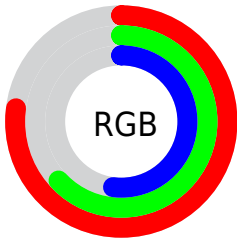
Format	Color
RYB	197, 184, 132
Decimal	12951940
CIELab	68.77, 9.12, 20.11
CIElCh	69, 22.078, 65.610
Yxy	39.0260, 0.3760, 0.3674
Android (android.graphics.Color)	4291142020 (0xFFC5A184)
YUV	168.4580, -17.9738, 25.0313
Hunter-Lab	62.4708, 4.7967, 17.8608

Details

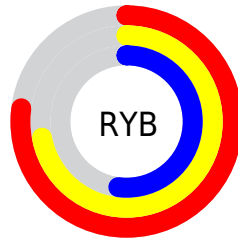
The Yxy color **39.0260, 0.3760, 0.3674** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.9510, 0.2610, 0.2870**, and the grayscale version is **39.4752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8745, 0.3643, 0.3610**, and **17.2973, 0.3961, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **34.8885, 0.4011, 0.3793**, and if you desaturate by 10%, it is **43.6021, 0.3537, 0.3553**.

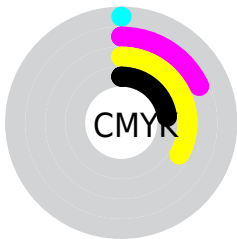
Distribution



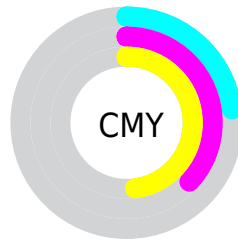
- Red (77%)
- Green (63%)
- Blue (52%)



- Red (77%)
- Yellow (72%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0260, 0.3760, 0.3674 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 39.0260, 0.3760, 0.3674 by changing the saturation by 10% instead.


 39.0260, 0.3760,
0.3674


 39.0260, 0.3760,
0.3674


342.0010, 0.3433,
0.3484


 26.7800, 0.3844,
0.3720


 73.6780, 0.3639,
0.3606

 17.4080, 0.3954,
0.3778


 96.8528, 0.3594,
0.3580

 10.5258, 0.4102,
0.3852


 124.4393, 0.3556,
0.3558

 5.7490, 0.4311,
0.3949

156.8219, 0.3524,
0.3539

 2.6930, 0.4626,
0.4077

194.3849, 0.3497,
0.3522

 0.9737, 0.5486,
0.4514

237.5129, 0.3473,

 0.0000, 1.0000,

0.3508

0.0000

286.5901, 0.3452,
0.3495

0.0000, 0.0000,
0.0000

39.0260, 0.3760,
0.3674

39.0260, 0.3760,
0.3674

34.8885, 0.4011,
0.3793

43.6021, 0.3537,
0.3553

31.1698, 0.4287,
0.3902

48.6248, 0.3343,
0.3435

27.8568, 0.4581,
0.3990


54.1087, 0.3173,
0.3322

24.9330, 0.4881,
0.4046


60.0660, 0.3027,
0.3217


22.3807, 0.5166,
0.4056


66.5085, 0.2901,
0.3120


 20.1800, 0.5418,
0.4012

 73.4475, 0.2792,
0.3031

 18.8308, 0.5572,
0.3958

 79.8958, 0.2775,
0.3101

 86.4246, 0.2784,
0.3219

 90.6131, 0.2789,
0.3289

Harmonies

Analogous

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



39.0260, 0.3754, 0.3420



39.0260, 0.3760, 0.3674



39.0260, 0.3589, 0.3844

Triad

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



39.0260, 0.3760, 0.3674



39.0260, 0.2696, 0.3417



39.0260, 0.2932, 0.2781

Complementary

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



39.0260, 0.3760, 0.3674



36.9510, 0.2610, 0.2870

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.



39.0260, 0.2669, 0.2759



39.0260, 0.3760, 0.3674



39.0260, 0.2538, 0.3106

Square

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



39.0260, 0.3760, 0.3674



39.0260, 0.2971, 0.3704



39.0260, 0.2529, 0.2870



39.0260, 0.3262, 0.2922

Rectangle

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



39.0260, 0.3760, 0.3674



39.0260, 0.3403, 0.3876



39.0260, 0.2529, 0.2870



39.0260, 0.2834, 0.2759

Sweetspot

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



39.0278, 0.3760, 0.3674



89.7803, 0.3292, 0.3402



31.2340, 0.3458, 0.2811



18.9241, 0.3317, 0.3418



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.



39.0278, 0.3760, 0.3674



64.1726, 0.3948, 0.3765



51.5401, 0.3635, 0.4056



11.4026, 0.3279, 0.3393



12.5445, 0.5550, 0.3975



0.7380, 0.5197, 0.4255

Inverse Universe

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



36.9510, 0.2610, 0.2870



59.8438, 0.2491, 0.2754



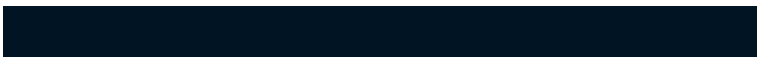
26.6400, 0.2550, 0.2388



11.2455, 0.2983, 0.3184



10.0342, 0.1827, 0.1776



0.6181, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 39.0260, 0.3760, 0.3674 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 39.0260, 0.3760, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

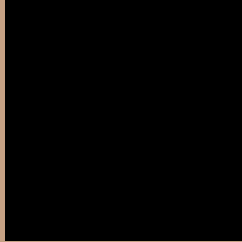
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0260, 0.3760, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 39.0260, 0.3760, 0.3674.



This preview shows how white text looks on a background with the Yxy color 39.0260, 0.3760, 0.3674.

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

39.0260, 0.3760, 0.3674

Protanopia

39.2195, 0.3515, 0.3753

Deuteranopia

38.8914, 0.3750, 0.3676



Tritanopia

39.0216, 0.3461, 0.3137

Trichromacy



Original Color

39.0260, 0.3760, 0.3674

Protanomaly

38.9458, 0.3604, 0.3716

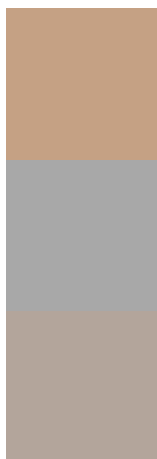
Deuteranomaly

38.8914, 0.3750, 0.3676

Tritanomaly

39.0996, 0.3574, 0.3330

Monochromacy



Original Color

39.0260, 0.3760, 0.3674

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8605, 0.3350, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0260, 0.3760, 0.3674 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(197, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 161, 132)  
}
```

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(197, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 132) }
```

Border

The CSS property to change the border of an element to Yxy 39.0260, 0.3760, 0.3674 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(197, 161, 132) }
```

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

```
.border{ border-color:rgb(197, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 161, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 161, 132); box-shadow:4px 4px 4px 4px rgb(197, 161, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0260, 0.3760, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 132) }
```

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

```
.background{ background-color: rgb(197,  
161, 132) }
```

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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