

Converting Colors

$Yxy(37.0163, 0.3839, 0.3804)$

Have a look what the booklet for
Yxy(37.0163, 0.3839, 0.3804)
contains.

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Color

Yxy(37.0163, 0.3839, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	C09E78
RGB	192, 158, 120
RGB Percent	75%, 62%, 47%
CMY	0.2470, 0.3804, 0.5295
CMYK	0.00, 0.18, 0.38, 0.25
HSL	32°, 36%, 61%
HSV	32°, 38%, 75%
XYZ	37.3569, 37.0163, 22.9357
YIQ	163.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

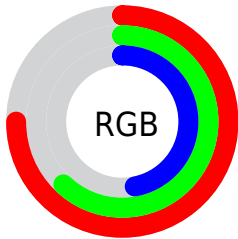
Format	Color
RYB	184, 192, 120
Decimal	12623480
CIELab	67.29, 7.25, 24.60
CIELCh	67, 25.647, 73.586
Yxy	37.0163, 0.3839, 0.3804
Android (android.graphics.Color)	4290813560 (0xFFC09E78)
YUV	163.8340, -21.6102, 24.7016
Hunter-Lab	60.8410, 3.1287, 20.2377

Details

The Yxy color **37.0163, 0.3839, 0.3804** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9044, 0.2526, 0.2710**, and the grayscale version is **37.1350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9296, 0.3701, 0.3710**, and **16.2887, 0.4054, 0.3951** is the 20% darker color. If you saturate the color by 10%, you get **33.6180, 0.4080, 0.3939**, and if you desaturate by 10%, it is **40.7397, 0.3619, 0.3663**.

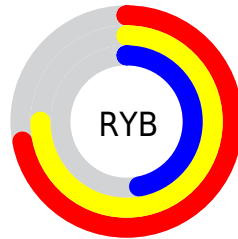
Distribution



Red (75%)

Green (62%)

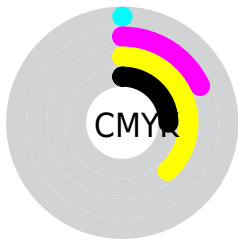
Blue (47%)



Red (72%)

Yellow (75%)

Blue (47%)

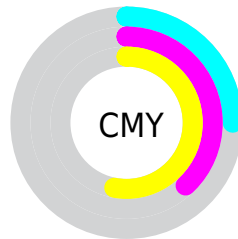


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0163, 0.3839, 0.3804 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 37.0163, 0.3839, 0.3804 by changing the saturation by 10% instead.


 37.0163, 0.3839,
0.3804


 37.0163, 0.3839,
0.3804


333.3811, 0.3470,
0.3546


 25.2201, 0.3934,
0.3867


 70.5979, 0.3702,
0.3711

 16.2411, 0.4058,
0.3946


 93.1520, 0.3652,
0.3676

 9.6949, 0.4223,
0.4047


 120.0609, 0.3609,
0.3646

 5.1972, 0.4452,
0.4178

151.7090, 0.3573,
0.3620

 2.3634, 0.4884,
0.4433

188.4807, 0.3542,
0.3598

 0.8070, 0.5402,
0.4598

230.7604, 0.3515,

 0.0000, 0.0000,

0.3579

0.0000

278.9323, 0.3491,
0.3562

■ 37.0163, 0.3839,
0.3804

■ 37.0163, 0.3839,
0.3804

■ 33.6180, 0.4080,
0.3939

■ 40.7397, 0.3619,
0.3663

■ 30.5292, 0.4336,
0.4059

■ 44.7929, 0.3421,
0.3523

■ 27.7403, 0.4598,
0.4153

■ 49.1870, 0.3245,
0.3387

■ 25.2389, 0.4853,
0.4207

■ 53.9311, 0.3091,
0.3259

■ 23.0115, 0.5085,
0.4212

■ 59.0335, 0.2955,
0.3140

■ 21.0405, 0.5282,
0.4165

■ 64.5026, 0.2837,
0.3030

■ 20.5855, 0.5329,
0.4151

■ 70.3462, 0.2734,
0.2928

■ 75.3165, 0.2739,
0.3024

■ 80.5099, 0.2748,
0.3123

Harmonies

Analogous

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



37.0163, 0.3894, 0.3521



37.0163, 0.3839, 0.3804



37.0163, 0.3588, 0.3972

Triad

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



37.0163, 0.3839, 0.3804



37.0163, 0.2555, 0.3336



37.0163, 0.2995, 0.2727

Complementary

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



37.0163, 0.3839, 0.3804



30.9044, 0.2526, 0.2710

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.



37.0163, 0.2658, 0.2660



37.0163, 0.3839, 0.3804



37.0163, 0.2417, 0.2982

Square

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



37.0163, 0.3839, 0.3804



37.0163, 0.2845, 0.3703



37.0163, 0.2454, 0.2744



37.0163, 0.3389, 0.2923

Rectangle

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



37.0163, 0.3839, 0.3804



37.0163, 0.3350, 0.3978



37.0163, 0.2454, 0.2744



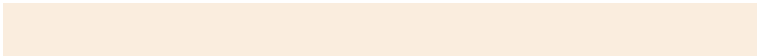
37.0163, 0.2871, 0.2689

Sweetspot

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



37.0180, 0.3839, 0.3804



86.1243, 0.3307, 0.3436



26.9943, 0.3591, 0.2822



18.2421, 0.3331, 0.3454



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0180, 0.3839, 0.3804



61.9687, 0.4035, 0.3916



50.1143, 0.3673, 0.4214



10.9382, 0.3276, 0.3412



14.0064, 0.5311, 0.4165



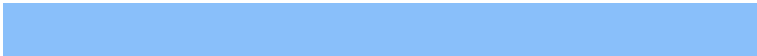
0.7423, 0.4997, 0.4414

Inverse Universe

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



30.9044, 0.2526, 0.2710



49.3130, 0.2393, 0.2556



21.3100, 0.2459, 0.2171



10.5147, 0.2984, 0.3165



7.7090, 0.1751, 0.1504



0.4710, 0.1869, 0.1927

Previews

White Background



This preview shows how the Yxy color 37.0163, 0.3839, 0.3804 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 37.0163, 0.3839, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

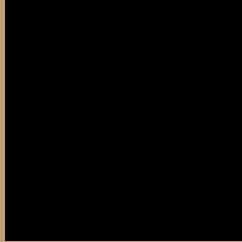
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0163, 0.3839, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 37.0163, 0.3839, 0.3804.



This preview shows how white text looks on a background with the Yxy color 37.0163, 0.3839, 0.3804.

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

37.0163, 0.3839, 0.3804

Protanopia

37.2111, 0.3618, 0.3874

Deuteranopia

36.9393, 0.3864, 0.3787



Tritanopia

37.0071, 0.3469, 0.3134

Trichromacy



Original Color

37.0163, 0.3839, 0.3804

Protanomaly

37.1909, 0.3697, 0.3849

Deuteranomaly

36.8075, 0.3854, 0.3789

Tritanomaly

36.8514, 0.3605, 0.3371

Monochromacy



Original Color

37.0163, 0.3839, 0.3804

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9774, 0.3371, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0163, 0.3839, 0.3804 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(192, 158, 120)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 120)  
}
```

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(192, 158, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 120) }
```

Border

The CSS property to change the border of an element to Yxy 37.0163, 0.3839, 0.3804 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(192, 158, 120) }
```

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

```
.border{ border-color:rgb(192, 158, 120) }
```

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

Here you see how a box with a 4 pixel rgb(192, 158, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 120);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0163, 0.3839, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 120) }
```

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

```
.background{ background-color: rgb(192,  
158, 120) }
```

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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