

Converting Colors

$Yxy(36.9534, 0.3965, 0.3912)$

Have a look what the booklet for
Yxy(36.9534, 0.3965, 0.3912)
contains.

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Color

Yxy(36.8637, 0.3962, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	C39D6F
RGB	195, 157, 111
RGB Percent	76%, 62%, 44%
CMY	0.2353, 0.3843, 0.5647
CMYK	0.00, 0.19, 0.43, 0.24
HSL	33°, 41%, 60%
HSV	33°, 43%, 76%
XYZ	37.4305, 36.8637, 20.1796
YIQ	163.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

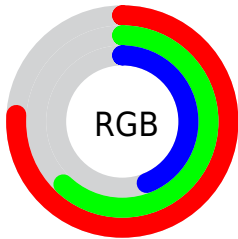
Format	Color
RYB	180, 195, 111
Decimal	12819823
CIELab	67.17, 7.98, 29.38
CIELCh	67, 30.441, 74.799
Yxy	36.8637, 0.3962, 0.3902
Android (android.graphics.Color)	4291009903 (0xFFC39D6F)
YUV	163.1180, -25.6942, 27.9605
Hunter-Lab	60.7155, 3.7915, 22.7950

Details

The Yxy color **36.8637, 0.3962, 0.3902** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8082, 0.2430, 0.2579**, and the grayscale version is **36.7954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1155, 0.3806, 0.3790**, and **16.1448, 0.4209, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **33.6045, 0.4206, 0.4035**, and if you desaturate by 10%, it is **40.4355, 0.3734, 0.3758**.

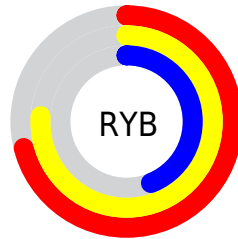
Distribution



Red (76%)

Green (62%)

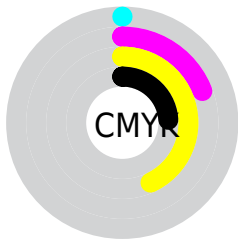
Blue (44%)



Red (71%)

Yellow (76%)

Blue (44%)

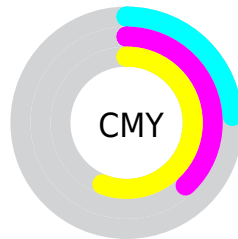


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8637, 0.3962, 0.3902 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 36.8637, 0.3962, 0.3902 by changing the saturation by 10% instead.


 36.8637, 0.3962,
0.3902


 36.8637, 0.3962,
0.3902


332.7200, 0.3531,
0.3598


 25.1020, 0.4072,
0.3974


 70.3631, 0.3803,
0.3793


 16.1530, 0.4212,
0.4064


 92.8696, 0.3744,
0.3752

 9.6325, 0.4398,
0.4175


 119.7264, 0.3694,
0.3717

 5.1560, 0.4648,
0.4311

 151.3180, 0.3652,
0.3686

 2.3391, 0.5263,
0.4704

188.0288, 0.3615,
0.3660

 0.7943, 0.5458,
0.4542

230.2431, 0.3583,

 0.0000, 0.0000,


0.3637


0.0000

278.3454, 0.3555,
0.3616

 36.8637, 0.3962,
0.3902

 36.8637, 0.3962,
0.3902


 33.6045, 0.4206,
0.4035


 40.4355, 0.3734,
0.3758

 30.6421, 0.4460,
0.4146


 44.3247, 0.3526,
0.3612


 27.9666, 0.4710,
0.4223

 48.5424, 0.3339,
0.3468

 25.5652, 0.4944,
0.4255

 53.0977, 0.3174,
0.3331

 23.4234, 0.5148,
0.4234

 57.9989, 0.3028,
0.3202

■ 22.0777, 0.5272,
0.4196

■ 63.2544, 0.2900,
0.3082

■ 68.8719, 0.2788,
0.2971

■ 74.0626, 0.2754,
0.2992

■ 79.0263, 0.2762,
0.3089

Harmonies

Analogous

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



36.8637, 0.4042, 0.3568



36.8637, 0.3962, 0.3902



36.8637, 0.3653, 0.4104

Triad

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



36.8637, 0.3962, 0.3902



36.8637, 0.2441, 0.3321



36.8637, 0.2985, 0.2638

Complementary

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



36.8637, 0.3962, 0.3902



28.8082, 0.2430, 0.2579

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.



36.8637, 0.2586, 0.2551



36.8637, 0.3962, 0.3902



36.8637, 0.2291, 0.2904

Square

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



36.8637, 0.3962, 0.3902



36.8637, 0.2773, 0.3770



36.8637, 0.2342, 0.2637



36.8637, 0.3454, 0.2870

Rectangle

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



36.8637, 0.3962, 0.3902



36.8637, 0.3367, 0.4112



36.8637, 0.2342, 0.2637



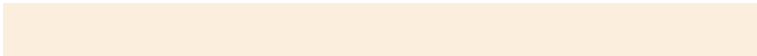
36.8637, 0.2839, 0.2592

Sweetspot

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



36.8654, 0.3962, 0.3902



86.8487, 0.3342, 0.3470



25.1774, 0.3708, 0.2770



18.6358, 0.3382, 0.3502



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.



36.8654, 0.3962, 0.3902



60.3415, 0.4200, 0.4031



51.4072, 0.3737, 0.4349



10.9718, 0.3276, 0.3416



14.5201, 0.5254, 0.4211



0.7636, 0.4956, 0.4447

Inverse Universe

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



28.8082, 0.2430, 0.2579



43.9962, 0.2273, 0.2382



18.8713, 0.2353, 0.1978



10.4814, 0.2984, 0.3161



7.2802, 0.1734, 0.1440



0.4521, 0.1854, 0.1873

Previews

White Background



This preview shows how the Yxy color 36.8637, 0.3962, 0.3902 looks on a white background.

Color Contrast Check

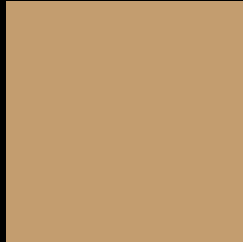
Large Text (above 18pt) WCAG AA × Fail

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 36.8637, 0.3962, 0.3902 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 36.8637, 0.3962, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 36.8637, 0.3962, 0.3902.



This preview shows how white text looks on a background with the Yxy color 36.8637, 0.3962, 0.3902.

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

36.8637, 0.3962, 0.3902

Protanopia

37.1129, 0.3711, 0.3998

Deuteranopia

36.9974, 0.3972, 0.3899



Tritanopia

36.7007, 0.3524, 0.3136

Trichromacy



Original Color

36.8637, 0.3962, 0.3902

Protanomaly

36.8723, 0.3807, 0.3955

Deuteranomaly

36.9974, 0.3972, 0.3899

Tritanomaly

36.7714, 0.3691, 0.3424

Monochromacy



Original Color

36.8637, 0.3962, 0.3902

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6173, 0.3421, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8637, 0.3962, 0.3902 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(195, 157, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 111)  
}
```

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(195, 157, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 111) }
```

Border

The CSS property to change the border of an element to Yxy 36.8637, 0.3962, 0.3902 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(195, 157, 111) }
```

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

```
.border{ border-color:rgb(195, 157, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 157, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 157, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 157, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 157,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8637, 0.3962, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 111) }
```

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

```
.background{ background-color: rgb(195,  
157, 111) }
```

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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