

Converting Colors

$Yxy(36.5668, 0.3892, 0.3937)$

Have a look what the booklet for
Yxy(36.5668, 0.3892, 0.3937)
contains.

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Color

Yxy(36.4202, 0.3894, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	BD9E6F
RGB	189, 158, 111
RGB Percent	74%, 62%, 44%
CMY	0.2587, 0.3804, 0.5647
CMYK	0.00, 0.16, 0.41, 0.26
HSL	36°, 37%, 59%
HSV	36°, 41%, 74%
XYZ	36.0866, 36.4202, 20.1655
YIQ	161.9110, 33.5630, -8.0450

Conversions

Conversions Part 2

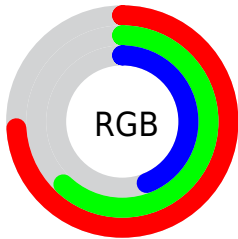
Format	Color
R_{YB}	162, 189, 111
Decimal	12426863
CIE _{Lab}	66.84, 4.99, 28.83
CIE _{LCh}	67, 29.253, 80.188
Yxy	36.4202, 0.3894, 0.3930
Android (android.graphics.Color)	4290616943 (0xFFBD9E6F)
YUV	161.9110, -25.0991, 23.7571
Hunter-Lab	60.3492, 1.1254, 22.4328

Details

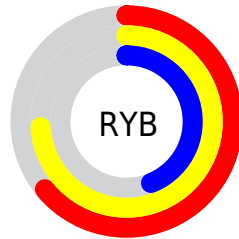
The Yxy color **36.4202, 0.3894, 0.3930** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4079, 0.2450, 0.2546**, and the grayscale version is **36.1970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0070, 0.3751, 0.3819**, and **15.9315, 0.4126, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **33.5623, 0.4120, 0.4077**, and if you desaturate by 10%, it is **39.5265, 0.3681, 0.3773**.

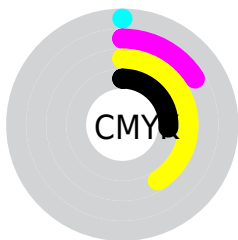
Distribution



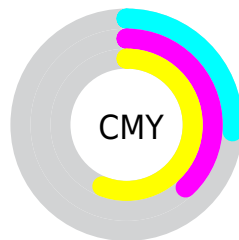
- Red (74%)
- Green (62%)
- Blue (44%)



- Red (64%)
- Yellow (74%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (26%)





- Cyan (26%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4202, 0.3894, 0.3930 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 36.4202, 0.3894, 0.3930 by changing the saturation by 10% instead.

 36.4202, 0.3894,
0.3930


 36.4202, 0.3894,
0.3930


330.7934, 0.3498,
0.3607

 24.7589, 0.3995,
0.4009


 69.6801, 0.3748,
0.3813


 15.8975, 0.4124,
0.4108


 92.0476, 0.3694,
0.3769

 9.4517, 0.4294,
0.4234


 118.7525, 0.3648,
0.3732

 5.0369, 0.4523,
0.4393

 150.1793, 0.3609,
0.3700

 2.2690, 0.5117,
0.4852

186.7124, 0.3576,
0.3672

 0.7572, 0.5263,
0.4737

228.7362, 0.3546,

 0.0000, 0.0000,

0.3648

0.0000

276.6351, 0.3521,
0.3626

■ 36.4202, 0.3894,
0.3930

■ 36.4202, 0.3894,
0.3930

■ 33.5623, 0.4120,
0.4077

■ 39.5265, 0.3681,
0.3773

■ 30.9392, 0.4352,
0.4205

■ 42.8839, 0.3484,
0.3613

■ 28.5437, 0.4579,
0.4301

■ 46.5015, 0.3306,
0.3457

■ 26.3655, 0.4791,
0.4354

■ 50.3862, 0.3146,
0.3308

■ 24.3932, 0.4974,
0.4356

■ 54.5446, 0.3004,
0.3169

■ 22.8244, 0.5112,
0.4323

■ 58.9833, 0.2879,
0.3039

■ 63.7082, 0.2768,
0.2919

■ 68.2518, 0.2709,
0.2882

■ 72.2422, 0.2717,
0.2967

Harmonies

Analogous

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



36.4202, 0.4015, 0.3624



36.4202, 0.3894, 0.3930



36.4202, 0.3565, 0.4088

Triad

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



36.4202, 0.3894, 0.3930



36.4202, 0.2424, 0.3242



36.4202, 0.3071, 0.2690

Complementary

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



36.4202, 0.3894, 0.3930



26.4079, 0.2450, 0.2546

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.



36.4202, 0.2664, 0.2578



36.4202, 0.3894, 0.3930



36.4202, 0.2313, 0.2860

Square

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



36.4202, 0.3894, 0.3930



36.4202, 0.2717, 0.3680



36.4202, 0.2397, 0.2631



36.4202, 0.3522, 0.2935

Rectangle

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



36.4202, 0.3894, 0.3930



36.4202, 0.3281, 0.4063



36.4202, 0.2397, 0.2631



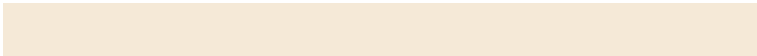
36.4202, 0.2924, 0.2636

Sweetspot

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



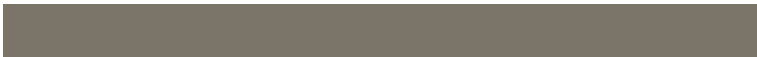
36.4219, 0.3894, 0.3930



82.6496, 0.3321, 0.3471



24.1494, 0.3741, 0.2862



17.5877, 0.3344, 0.3491



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.4219, 0.3894, 0.3930



60.3287, 0.4109, 0.4071



47.4036, 0.3664, 0.4323



10.4664, 0.3274, 0.3428



15.5053, 0.5097, 0.4335



0.7319, 0.4827, 0.4550

Inverse Universe

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



26.4079, 0.2450, 0.2546



39.9006, 0.2289, 0.2335



18.9512, 0.2440, 0.2059



9.8312, 0.2984, 0.3148



6.0126, 0.1688, 0.1277



0.3639, 0.1824, 0.1767

Previews

White Background



This preview shows how the Yxy color 36.4202, 0.3894, 0.3930 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 36.4202, 0.3894, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

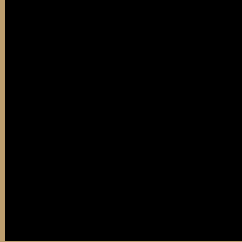
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4202, 0.3894, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 36.4202, 0.3894, 0.3930.



This preview shows how white text looks on a background with the Yxy color 36.4202, 0.3894, 0.3930.

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

36.4202, 0.3894, 0.3930

Protanopia

36.6167, 0.3714, 0.4002

Deuteranopia

36.5267, 0.3968, 0.3889



Tritanopia

36.2469, 0.3450, 0.3132

Trichromacy



Original Color

36.4202, 0.3894, 0.3930

Protanomaly

36.4833, 0.3785, 0.3976

Deuteranomaly

36.5991, 0.3941, 0.3907

Tritanomaly

36.3313, 0.3615, 0.3426

Monochromacy



Original Color

36.4202, 0.3894, 0.3930

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2436, 0.3400, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4202, 0.3894, 0.3930 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(189, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 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(189, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 111) }
```

Border

The CSS property to change the border of an element to Yxy 36.4202, 0.3894, 0.3930 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(189, 158, 111) }
```

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

```
.border{ border-color:rgb(189, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4202, 0.3894, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 111) }
```

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

```
.background{ background-color: rgb(189,  
158, 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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