

Converting Colors

$Yxy(36.4582, 0.3823, 0.3908)$

Have a look what the booklet for
Yxy(36.4582, 0.3823, 0.3908)
contains.

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Color

Yxy(36.4503, 0.3828, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	BA9F72
RGB	186, 159, 114
RGB Percent	73%, 62%, 45%
CMY	0.2708, 0.3764, 0.5530
CMYK	0.00, 0.14, 0.39, 0.27
HSL	38°, 34%, 59%
HSV	38°, 39%, 73%
XYZ	35.6767, 36.4503, 21.0724
YIQ	161.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

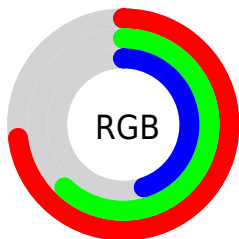
Format	Color
RYB	157, 186, 114
Decimal	12230514
CIELab	66.86, 3.51, 27.18
CIELCh	67, 27.406, 82.639
Yxy	36.4503, 0.3828, 0.3911
Android (android.graphics.Color)	4290420594 (0xFFBA9F72)
YUV	161.9430, -23.6359, 21.0980
Hunter-Lab	60.3741, -0.1740, 21.5678

Details

The Yxy color **36.4503, 0.3828, 0.3911** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1486, 0.2491, 0.2574**, and the grayscale version is **36.2040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9010, 0.3694, 0.3803**, and **15.9321, 0.4034, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **33.7435, 0.4045, 0.4067**, and if you desaturate by 10%, it is **39.3814, 0.3623, 0.3747**.

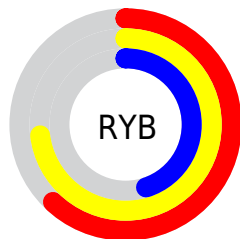
Distribution



Red (73%)

Green (62%)

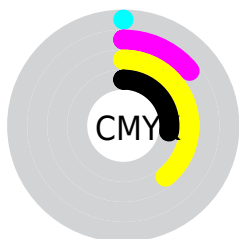
Blue (45%)



Red (62%)

Yellow (73%)

Blue (45%)

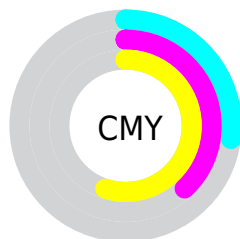


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4503, 0.3828, 0.3911 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 36.4503, 0.3828, 0.3911 by changing the saturation by 10% instead.


 36.4503, 0.3828,
0.3911


 36.4503, 0.3828,
0.3911


330.9245, 0.3466,
0.3596

 24.7822, 0.3920,
0.3989


 69.7265, 0.3695,
0.3796

 15.9148, 0.4039,
0.4089


 92.1034, 0.3645,
0.3753

 9.4639, 0.4196,
0.4217

 118.8187, 0.3603,
0.3717

 5.0450, 0.4409,
0.4384

 150.2567, 0.3568,
0.3685

 2.2737, 0.4915,
0.4805

186.8019, 0.3537,
0.3658

 0.7597, 0.5153,
0.4847

228.8387, 0.3510,

 0.0000, 0.0000,

0.3635

0.0000

276.7514, 0.3487,
0.3614

■ 36.4503, 0.3828,
0.3911

■ 36.4503, 0.3828,
0.3911

■ 33.7435, 0.4045,
0.4067

■ 39.3814, 0.3623,
0.3747

■ 31.2485, 0.4268,
0.4205

■ 42.5386, 0.3434,
0.3583

■ 28.9588, 0.4488,
0.4315

■ 45.9303, 0.3262,
0.3423

■ 26.8656, 0.4694,
0.4385

■ 49.5625, 0.3108,
0.3271

■ 24.9587, 0.4875,
0.4406

■ 53.4412, 0.2971,
0.3128

■ 23.2225, 0.5026,
0.4380

■ 57.5722, 0.2848,
0.2996

■ 23.0066, 0.5045,
0.4376

■ 61.9608, 0.2740,
0.2874

■ 66.1024, 0.2687,
0.2841

■ 69.7163, 0.2694,
0.2921

Harmonies

Analogous

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



36.4503, 0.3958, 0.3633



36.4503, 0.3828, 0.3911



36.4503, 0.3509, 0.4039

Triad

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



36.4503, 0.3828, 0.3911



36.4503, 0.2451, 0.3215



36.4503, 0.3110, 0.2740

Complementary

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



36.4503, 0.3828, 0.3911



26.1486, 0.2491, 0.2574

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.



36.4503, 0.2720, 0.2623



36.4503, 0.3828, 0.3911



36.4503, 0.2360, 0.2865

Square

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



36.4503, 0.3828, 0.3911



36.4503, 0.2716, 0.3623



36.4503, 0.2455, 0.2660



36.4503, 0.3530, 0.2980

Rectangle

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



36.4503, 0.3828, 0.3911



36.4503, 0.3240, 0.4000



36.4503, 0.2455, 0.2660



36.4503, 0.2971, 0.2685

Sweetspot

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



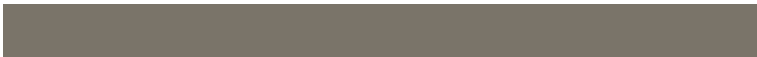
36.4520, 0.3828, 0.3911



81.0937, 0.3320, 0.3478



24.4071, 0.3703, 0.2905



17.6798, 0.3343, 0.3499



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.



36.4520, 0.3828, 0.3911



62.1153, 0.4002, 0.4038



45.7269, 0.3621, 0.4263



9.9231, 0.3273, 0.3433



15.6337, 0.5031, 0.4387



0.6658, 0.4763, 0.4600

Inverse Universe

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



26.1486, 0.2491, 0.2574



40.9409, 0.2351, 0.2392



19.7424, 0.2503, 0.2152



9.2555, 0.2985, 0.3143



5.4334, 0.1670, 0.1212



0.3121, 0.1820, 0.1752

Previews

White Background



This preview shows how the Yxy color 36.4503, 0.3828, 0.3911 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 36.4503, 0.3828, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

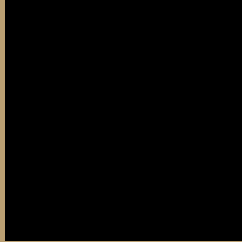
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4503, 0.3828, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 36.4503, 0.3828, 0.3911.



This preview shows how white text looks on a background with the Yxy color 36.4503, 0.3828, 0.3911.

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

36.4503, 0.3828, 0.3911

Protanopia

36.5693, 0.3676, 0.3962

Deuteranopia

36.4841, 0.3918, 0.3840



Tritanopia

36.2132, 0.3408, 0.3131

Trichromacy



Original Color

36.4503, 0.3828, 0.3911

Protanomaly

36.6622, 0.3731, 0.3953

Deuteranomaly

36.4281, 0.3882, 0.3860

Tritanomaly

36.3368, 0.3560, 0.3414

Monochromacy



Original Color

36.4503, 0.3828, 0.3911

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.1920, 0.3371, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4503, 0.3828, 0.3911 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(186, 159, 114)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 114)  
}
```

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(186, 159, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 114) }
```

Border

The CSS property to change the border of an element to Yxy 36.4503, 0.3828, 0.3911 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(186, 159, 114) }
```

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

```
.border{ border-color:rgb(186, 159, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 159, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 159, 114);  
box-shadow:4px 4px 4px 4px rgb(186, 159,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4503, 0.3828, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 114) }
```

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

```
.background{ background-color: rgb(186,  
159, 114) }
```

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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