

Converting Colors

$Yxy(36.8900, 0.3869, 0.3853)$

Have a look what the booklet for
Yxy(36.8900, 0.3869, 0.3853)
contains.

Yxy(36.9211, 0.3877, 0.3857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.9211, 0.3877, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	C09E74
RGB	192, 158, 116
RGB Percent	75%, 62%, 45%
CMY	0.2472, 0.3803, 0.5451
CMYK	0.00, 0.18, 0.40, 0.25
HSL	33°, 38%, 60%
HSV	33°, 40%, 75%
XYZ	37.1125, 36.9211, 21.6913
YIQ	163.3780, 33.7460, -5.8540

Conversions

Conversions Part 2

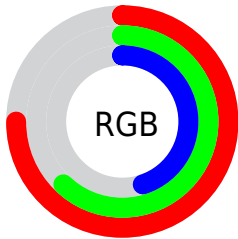
Format	Color
RYB	178, 192, 116
Decimal	12623476
CIELab	67.22, 6.75, 26.67
CIElCh	67, 27.513, 75.788
Yxy	36.9211, 0.3877, 0.3857
Android (android.graphics.Color)	4290813556 (0xFFC09E74)
YUV	163.3780, -23.3574, 25.1015
Hunter-Lab	60.7627, 2.6891, 21.3684

Details

The Yxy color **36.9211, 0.3877, 0.3857** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3158, 0.2488, 0.2641**, and the grayscale version is **36.9143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7396, 0.3738, 0.3762**, and **16.2390, 0.4106, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **33.6951, 0.4115, 0.3996**, and if you desaturate by 10%, it is **40.4473, 0.3657, 0.3710**.

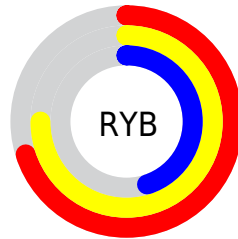
Distribution



Red (75%)

Green (62%)

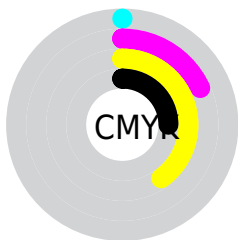
Blue (45%)



Red (70%)

Yellow (75%)

Blue (45%)

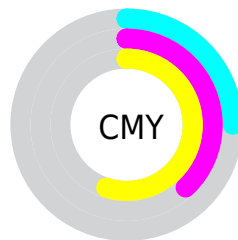


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9211, 0.3877, 0.3857 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 36.9211, 0.3877, 0.3857 by changing the saturation by 10% instead.


 36.9211, 0.3877,
0.3857

 36.9211, 0.3877,
0.3857


332.9688, 0.3489,
0.3573

 25.1464, 0.3976,
0.3926


 70.4514, 0.3734,
0.3755

 16.1862, 0.4105,
0.4013


 92.9758, 0.3680,
0.3716

 9.6560, 0.4275,
0.4123


 119.8523, 0.3636,
0.3683

 5.1715, 0.4509,
0.4263

151.4652, 0.3598,
0.3655

 2.3482, 0.5004,
0.4585

188.1989, 0.3565,
0.3630

 0.7991, 0.5371,
0.4629

230.4378, 0.3536,

 0.0000, 0.0000,

0.3609

0.0000

278.5663, 0.3511,
0.3590

■ 36.9211, 0.3877,
0.3857

■ 36.9211, 0.3877,
0.3857

■ 33.6951, 0.4115,
0.3996

■ 40.4473, 0.3657,
0.3710

■ 30.7542, 0.4364,
0.4117

■ 44.2779, 0.3457,
0.3563

■ 28.0895, 0.4614,
0.4209

■ 48.4231, 0.3279,
0.3420

■ 25.6894, 0.4853,
0.4259

■ 52.8915, 0.3121,
0.3284

■ 23.5407, 0.5066,
0.4259

■ 57.6909, 0.2982,
0.3157

■ 21.6229, 0.5248,
0.4211

■ 62.8289, 0.2860,
0.3040

■ 21.5463, 0.5256,
0.4209

■ 68.3130, 0.2753,
0.2932

■ 73.1755, 0.2735,
0.2980

■ 77.9777, 0.2744,
0.3076

Harmonies

Analogous

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



36.9211, 0.3955, 0.3559



36.9211, 0.3877, 0.3857



36.9211, 0.3594, 0.4028

Triad

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



36.9211, 0.3877, 0.3857



36.9211, 0.2498, 0.3307



36.9211, 0.3014, 0.2701

Complementary

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



36.9211, 0.3877, 0.3857



29.3158, 0.2488, 0.2641

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.



36.9211, 0.2647, 0.2617



36.9211, 0.3877, 0.3857



36.9211, 0.2365, 0.2934

Square

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



36.9211, 0.3877, 0.3857



36.9211, 0.2796, 0.3709



36.9211, 0.2417, 0.2693



36.9211, 0.3438, 0.2917

Rectangle

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



36.9211, 0.3877, 0.3857



36.9211, 0.3334, 0.4026



36.9211, 0.2417, 0.2693



36.9211, 0.2880, 0.2657

Sweetspot

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



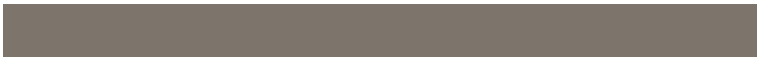
36.9228, 0.3877, 0.3857



85.7453, 0.3323, 0.3457



25.9008, 0.3658, 0.2829



18.1806, 0.3346, 0.3476



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.



36.9228, 0.3877, 0.3857



62.0993, 0.4070, 0.3971



49.6632, 0.3678, 0.4270



10.9807, 0.3275, 0.3417



14.6597, 0.5239, 0.4223



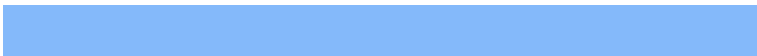
0.7693, 0.4945, 0.4456

Inverse Universe

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



29.3158, 0.2488, 0.2641



46.5122, 0.2353, 0.2478



20.2725, 0.2438, 0.2106



10.4726, 0.2984, 0.3159



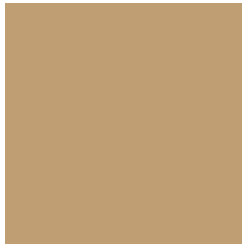
7.1704, 0.1729, 0.1424



0.4471, 0.1850, 0.1859

Previews

White Background



This preview shows how the Yxy color 36.9211, 0.3877, 0.3857 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 36.9211, 0.3877, 0.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

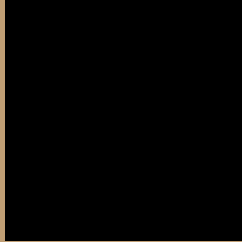
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

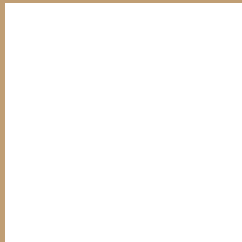
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9211, 0.3877, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 36.9211, 0.3877, 0.3857.



This preview shows how white text looks on a background with the Yxy color 36.9211, 0.3877, 0.3857.

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

36.9211, 0.3877, 0.3857

Protanopia

37.0890, 0.3664, 0.3945

Deuteranopia

36.9770, 0.3914, 0.3837



Tritanopia

37.0071, 0.3469, 0.3134

Trichromacy



Original Color

36.9211, 0.3877, 0.3857

Protanomaly

37.0701, 0.3744, 0.3918

Deuteranomaly

36.8442, 0.3903, 0.3839

Tritanomaly

36.8199, 0.3615, 0.3385

Monochromacy



Original Color

36.9211, 0.3877, 0.3857

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.5637, 0.3392, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9211, 0.3877, 0.3857 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 116) }
```

Border

The CSS property to change the border of an element to Yxy 36.9211, 0.3877, 0.3857 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, 116) }
```

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

```
.border{ border-color:rgb(192, 158, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 116);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9211, 0.3877, 0.3857 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, 116) }
```

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

```
.background{ background-color: rgb(192,  
158, 116) }
```

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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