

Converting Colors

$Y_{xy}(36.7778, 0.4209, 0.3810)$

Have a look what the booklet for
Yxy(36.7778, 0.4209, 0.3810)
contains.

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Color

Yxy(36.8925, 0.4210, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	D4966C
RGB	212, 150, 108
RGB Percent	83%, 59%, 42%
CMY	0.1688, 0.4117, 0.5765
CMYK	0.00, 0.29, 0.49, 0.17
HSL	24°, 55%, 63%
HSV	24°, 49%, 83%
XYZ	40.7550, 36.8925, 19.1578
YIQ	163.7500, 50.4340, 0.0820

Conversions

Conversions Part 2

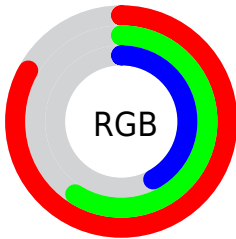
Format	Color
R _Y B	212, 178, 108
Decimal	13932140
CIE Lab	67.20, 18.43, 31.37
CIE LCh	67, 36.386, 59.563
Yxy	36.8925, 0.4210, 0.3811
Android (android.graphics.Color)	4292122220 (0xFFD4966C)
YUV	163.7500, -27.4847, 42.3152
Hunter-Lab	60.7392, 13.4771, 23.8168

Details

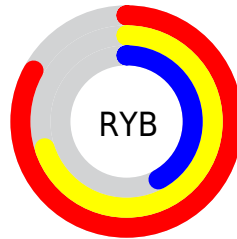
The Yxy color **36.8925, 0.4210, 0.3811** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.6597, 0.2372, 0.2682**, and the grayscale version is **37.1147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9838, 0.3871, 0.3748**, and **16.2185, 0.4537, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **32.6808, 0.4516, 0.3899**, and if you desaturate by 10%, it is **41.6518, 0.3930, 0.3707**.

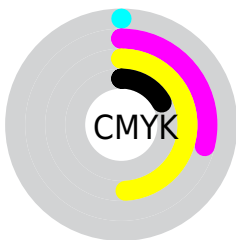
Distribution



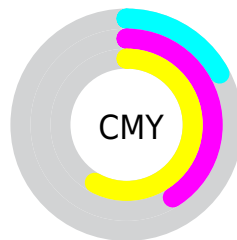
- Red (83%)
- Green (59%)
- Blue (42%)



- Red (83%)
- Yellow (70%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (49%)
- Black (17%)



- Cyan (17%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8925, 0.4210, 0.3811 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 36.8925, 0.4210, 0.3811 by changing the saturation by 10% instead.


 36.8925, 0.4210,
0.3811


 36.8925, 0.4210,
0.3811


332.8449, 0.3648,
0.3568


 25.1243, 0.4353,
0.3863


 70.4074, 0.4003,
0.3728


 16.1697, 0.4537,
0.3922


 92.9229, 0.3926,
0.3696

 9.6443, 0.4778,
0.3986


 119.7896, 0.3861,
0.3667

 5.1638, 0.5102,
0.4044

 151.3919, 0.3806,
0.3642

 2.3437, 0.5775,
0.4225

188.1141, 0.3758,
0.3620

 0.7967, 0.6131,
0.3869

230.3408, 0.3717,

 0.0000, 1.0000,

0.3600

0.0000

278.4562, 0.3680,
0.3583

0.0000, 0.0000,
0.0000

36.8925, 0.4210,
0.3811

36.8925, 0.4210,
0.3811

32.6808, 0.4516,
0.3899

41.6518, 0.3930,
0.3707

28.9894, 0.4836,
0.3959

46.9735, 0.3680,
0.3597

25.7966, 0.5152,
0.3978

52.8788, 0.3463,
0.3487

23.0763, 0.5439,
0.3946

59.3857, 0.3274,
0.3381

20.7946, 0.5678,
0.3865

66.5117, 0.3113,
0.3281

■ 20.5978, 0.5700,
0.3856

■ 74.2732, 0.2974,
0.3188

■ 82.5982, 0.2863,
0.3117

■ 90.2270, 0.2869,
0.3249

■ 92.7307, 0.2871,
0.3289

Harmonies

Analogous

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



36.8925, 0.4147, 0.3385



36.8925, 0.4210, 0.3811



36.8925, 0.3961, 0.4157

Triad

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



36.8925, 0.4210, 0.3811



36.8925, 0.2487, 0.3607



36.8925, 0.2697, 0.2451

Complementary

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



36.8925, 0.4210, 0.3811



36.6597, 0.2372, 0.2682

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.



36.8925, 0.2316, 0.2443



36.8925, 0.4210, 0.3811



36.8925, 0.2202, 0.3057

Square

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



36.8925, 0.4210, 0.3811



36.8925, 0.2956, 0.4093



36.8925, 0.2145, 0.2644



36.8925, 0.3228, 0.2640

Rectangle

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



36.8925, 0.4210, 0.3811



36.8925, 0.3667, 0.4280



36.8925, 0.2145, 0.2644



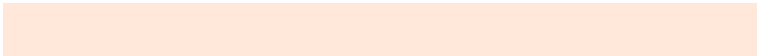
36.8925, 0.2549, 0.2426

Sweetspot

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



36.8943, 0.4210, 0.3811



84.0910, 0.3386, 0.3445



27.6306, 0.3655, 0.2538



17.5573, 0.3427, 0.3468



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.



36.8943, 0.4210, 0.3811



49.3176, 0.4534, 0.3903



57.1084, 0.3898, 0.4376



13.2368, 0.3281, 0.3385



12.9067, 0.5675, 0.3876



0.9386, 0.5361, 0.4125

Inverse Universe

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



36.6597, 0.2372, 0.2682



48.8562, 0.2227, 0.2521



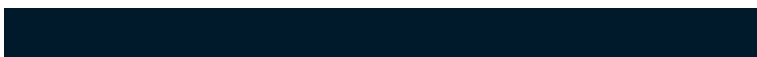
20.9876, 0.2223, 0.1898



13.2264, 0.2982, 0.3193



12.3929, 0.1866, 0.1916



0.9080, 0.1939, 0.2178

Previews

White Background



This preview shows how the Yxy color 36.8925, 0.4210, 0.3811 looks on a white background.

Color Contrast Check

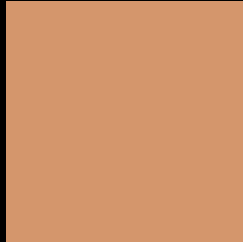
Large Text (above 18pt) WCAG AA × Fail

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 36.8925, 0.4210, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

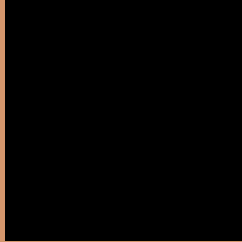
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8925, 0.4210, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 36.8925, 0.4210, 0.3811.



This preview shows how white text looks on a background with the Yxy color 36.8925, 0.4210, 0.3811.

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

36.8925, 0.4210, 0.3811

Protanopia

37.1129, 0.3711, 0.3998

Deuteranopia

37.0458, 0.4021, 0.3947



Tritanopia

36.9120, 0.3781, 0.3157

Trichromacy



Original Color

36.8925, 0.4210, 0.3811

Protanomaly

36.9133, 0.3889, 0.3927

Deuteranomaly

36.7293, 0.4091, 0.3896

Tritanomaly

36.8398, 0.3948, 0.3391

Monochromacy



Original Color

36.8925, 0.4210, 0.3811

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6336, 0.3487, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8925, 0.4210, 0.3811 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(212, 150, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 108)  
}
```

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(212, 150, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 108) }
```

Border

The CSS property to change the border of an element to Yxy 36.8925, 0.4210, 0.3811 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(212, 150, 108) }
```

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

```
.border{ border-color:rgb(212, 150, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8925, 0.4210, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 108) }
```

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

```
.background{ background-color: rgb(212,  
150, 108) }
```

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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