

Converting Colors

$Y_{xy}(30.5614, 0.4354, 0.3707)$

Have a look what the booklet for
Yxy(30.5614, 0.4354, 0.3707)
contains.

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Color

Yxy(30.4018, 0.4348, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	CD8464
RGB	205, 132, 100
RGB Percent	80%, 52%, 39%
CMY	0.1961, 0.4823, 0.6079
CMYK	0.00, 0.36, 0.51, 0.20
HSL	18°, 51%, 60%
HSV	18°, 51%, 80%
XYZ	35.7262, 30.4018, 16.0390
YIQ	150.1790, 53.7800, 5.5240

Conversions

Conversions Part 2

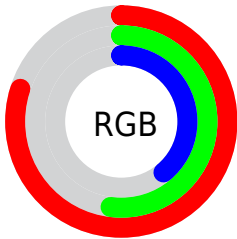
Format	Color
R _Y B	205, 146, 100
Decimal	13468772
CIE Lab	62.00, 24.64, 28.86
CIE LCh	62, 37.945, 49.506
Yxy	30.4018, 0.4348, 0.3700
Android (android.graphics.Color)	4291658852 (0xFFCD8464)
YUV	150.1790, -24.7382, 48.0780
Hunter-Lab	55.1378, 19.1668, 21.3497

Details

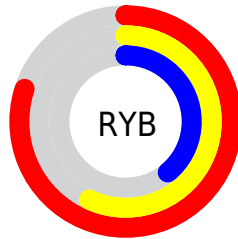
The Yxy color **30.4018, 0.4348, 0.3700** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **36.9920, 0.2374, 0.2814**, and the grayscale version is **30.6698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6122, 0.4019, 0.3659**, and **12.4947, 0.4735, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **26.4507, 0.4698, 0.3759**, and if you desaturate by 10%, it is **34.9835, 0.4031, 0.3624**.

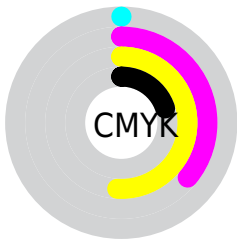
Distribution



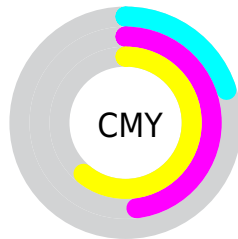
- Red (80%)
- Green (52%)
- Blue (39%)



- Red (80%)
- Yellow (57%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (51%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4018, 0.4348, 0.3700 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 30.4018, 0.4348, 0.3700 by changing the saturation by 10% instead.


 30.4018, 0.4348,
0.3700


 30.4018, 0.4348,
0.3700


303.7729, 0.3693,
0.3514


 20.1438, 0.4523,
0.3735


 60.2970, 0.4101,
0.3640


 12.4996, 0.4751,
0.3770


 80.7030, 0.4011,
0.3615

 7.0849, 0.5059,
0.3798


 105.2604, 0.3935,
0.3593

 3.5152, 0.5508,
0.3806

 134.3537, 0.3872,
0.3573

 1.4063, 0.6240,
0.3760

168.3671, 0.3817,
0.3556

 0.2213, 0.7858,
0.2142


207.6852, 0.3770,


 0.0000, 0.0000,

0.3540


0.0000


252.6923, 0.3729,
0.3527


 30.4018, 0.4348,
0.3700


 30.4018, 0.4348,
0.3700


 26.4507, 0.4698,
0.3759


 34.9835, 0.4031,
0.3624


 23.0969, 0.5066,
0.3791


 40.2183, 0.3755,
0.3541


 20.3104, 0.5424,
0.3782

 46.1328, 0.3517,
0.3457

 18.0564, 0.5738,
0.3727

 52.7509, 0.3316,
0.3376

 16.4792, 0.5961,
0.3649

 60.0953, 0.3146,
0.3299

■ 68.1876, 0.3003,
0.3228

■ 77.0484, 0.2882,
0.3163

■ 86.1055, 0.2827,
0.3195

■ 91.7179, 0.2833,
0.3289

Harmonies

Analogous

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



30.4018, 0.4157, 0.3230



30.4018, 0.4348, 0.3700



30.4018, 0.4173, 0.4130

Triad

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



30.4018, 0.4348, 0.3700



30.4018, 0.2571, 0.3850



30.4018, 0.2487, 0.2341

Complementary

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



30.4018, 0.4348, 0.3700



36.9920, 0.2374, 0.2814

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.



30.4018, 0.2145, 0.2402



30.4018, 0.4348, 0.3700



30.4018, 0.2185, 0.3221

Square

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



30.4018, 0.4348, 0.3700



30.4018, 0.3131, 0.4311



30.4018, 0.2040, 0.2697



30.4018, 0.3027, 0.2487

Rectangle

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



30.4018, 0.4348, 0.3700



30.4018, 0.3893, 0.4333



30.4018, 0.2040, 0.2697



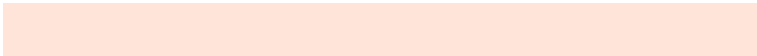
30.4018, 0.2348, 0.2337

Sweetspot

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



30.4033, 0.4348, 0.3700



81.9719, 0.3392, 0.3408



25.1266, 0.3550, 0.2390



17.0502, 0.3435, 0.3425



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.



30.4033, 0.4348, 0.3700



43.0014, 0.4718, 0.3762



48.1751, 0.3991, 0.4309



11.7623, 0.3283, 0.3361



10.4082, 0.5936, 0.3669



0.6717, 0.5545, 0.3979

Inverse Universe

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



36.9920, 0.2374, 0.2814



54.7976, 0.2248, 0.2696



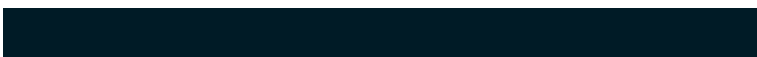
20.7886, 0.2213, 0.1990



12.1271, 0.2983, 0.3218



15.0520, 0.1965, 0.2272



0.9066, 0.2026, 0.2495

Previews

White Background



This preview shows how the Yxy color 30.4018, 0.4348, 0.3700 looks on a white background.

Color Contrast Check

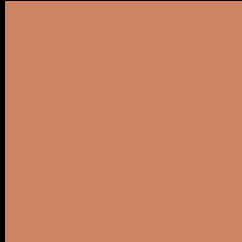
Large Text (above 18pt) WCAG AA × Fail

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 30.4018, 0.4348, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

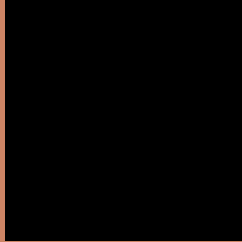
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4018, 0.4348, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 30.4018, 0.4348, 0.3700.



This preview shows how white text looks on a background with the Yxy color 30.4018, 0.4348, 0.3700.

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

30.4018, 0.4348, 0.3700

Protanopia

30.5556, 0.3681, 0.3952

Deuteranopia

30.6521, 0.4019, 0.3944



Tritanopia

30.3948, 0.3969, 0.3165

Trichromacy



Original Color

30.4018, 0.4348, 0.3700

Protanomaly

30.1094, 0.3929, 0.3856

Deuteranomaly

30.6042, 0.4137, 0.3852

Tritanomaly

30.4211, 0.4107, 0.3357

Monochromacy



Original Color

30.4018, 0.4348, 0.3700

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8569, 0.3537, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4018, 0.4348, 0.3700 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(205, 132, 100)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 100)  
}
```

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(205, 132, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 100) }
```

Border

The CSS property to change the border of an element to Yxy 30.4018, 0.4348, 0.3700 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(205, 132, 100) }
```

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

```
.border{ border-color:rgb(205, 132, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 132, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 100);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4018, 0.4348, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 100) }
```

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

```
.background{ background-color: rgb(205,  
132, 100) }
```

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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