

Converting Colors

$Y_{xy}(30.4025, 0.4370, 0.3670)$

Have a look what the booklet for
Yxy(30.4025, 0.4370, 0.3670)
contains.

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Color

Yxy(30.4376, 0.4366, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	CF8365
RGB	207, 131, 101
RGB Percent	81%, 51%, 40%
CMY	0.1882, 0.4863, 0.6040
CMYK	0.00, 0.37, 0.51, 0.19
HSL	17°, 52%, 60%
HSV	17°, 51%, 81%
XYZ	36.2001, 30.4376, 16.2759
YIQ	150.3040, 54.9260, 6.7820

Conversions

Conversions Part 2

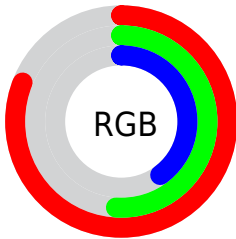
Format	Color
RYB	207, 143, 101
Decimal	13599589
CIELab	62.03, 26.10, 28.39
CIElCh	62, 38.563, 47.412
Yxy	30.4376, 0.4366, 0.3671
Android (android.graphics.Color)	4291789669 (0xFFCF8365)
YUV	150.3040, -24.3069, 49.7224
Hunter-Lab	55.1703, 20.5752, 21.1279

Details

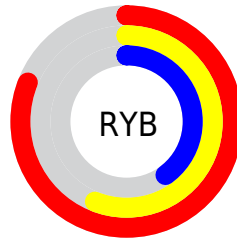
The Yxy color **30.4376, 0.4366, 0.3671** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **38.7184, 0.2381, 0.2849**, and the grayscale version is **30.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2249, 0.4015, 0.3638**, and **12.5408, 0.4761, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **26.3779, 0.4725, 0.3725**, and if you desaturate by 10%, it is **35.1737, 0.4042, 0.3601**.

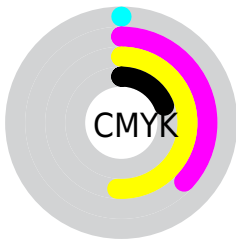
Distribution



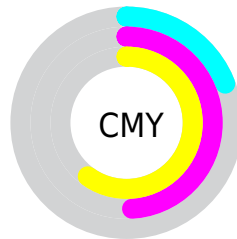
- Red (81%)
- Green (51%)
- Blue (40%)



- Red (81%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (19%)





- Cyan (19%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4376, 0.4366, 0.3671 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 30.4376, 0.4366, 0.3671 by changing the saturation by 10% instead.


 30.4376, 0.4366,
0.3671


 30.4376, 0.4366,
0.3671


303.9389, 0.3701,
0.3501

 20.1710, 0.4544,
0.3702


 60.3535, 0.4115,
0.3617


 12.5194, 0.4776,
0.3731


 80.7716, 0.4023,
0.3594

 7.0984, 0.5090,
0.3751


 105.3423, 0.3947,
0.3574

 3.5237, 0.5543,
0.3744

 134.4501, 0.3882,
0.3556

 1.4109, 0.6309,
0.3691

168.4792, 0.3827,
0.3540

 0.2247, 0.7910,
0.2090

207.8141, 0.3779,

 0.0000, 0.0000,

0.3526

0.0000

252.8392, 0.3738,
0.3513

■ 30.4376, 0.4366,
0.3671

■ 30.4376, 0.4366,
0.3671

■ 26.3779, 0.4725,
0.3725

■ 35.1737, 0.4042,
0.3601

■ 22.9579, 0.5103,
0.3752

■ 40.6114, 0.3760,
0.3524

■ 20.1445, 0.5471,
0.3740

■ 46.7800, 0.3520,
0.3445

■ 17.8988, 0.5791,
0.3684

■ 53.7059, 0.3317,
0.3370

■ 16.3538, 0.6015,
0.3606

■ 61.4140, 0.3146,
0.3298

■ 69.9282, 0.3003,
0.3232

■ 79.2712, 0.2882,
0.3172

■ 88.6949, 0.2841,
0.3235

■ 92.0076, 0.2844,
0.3289

Harmonies

Analogous

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



30.4376, 0.4147, 0.3195



30.4376, 0.4366, 0.3671



30.4376, 0.4211, 0.4115

Triad

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



30.4376, 0.4366, 0.3671



30.4376, 0.2598, 0.3902



30.4376, 0.2445, 0.2325

Complementary

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



30.4376, 0.4366, 0.3671



38.7184, 0.2381, 0.2849

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.



30.4376, 0.2116, 0.2402



30.4376, 0.4366, 0.3671



30.4376, 0.2190, 0.3263

Square

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



30.4376, 0.4366, 0.3671



30.4376, 0.3172, 0.4348



30.4376, 0.2027, 0.2718



30.4376, 0.2981, 0.2460

Rectangle

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



30.4376, 0.4366, 0.3671



30.4376, 0.3938, 0.4332



30.4376, 0.2027, 0.2718



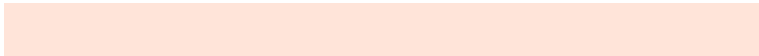
30.4376, 0.2310, 0.2326

Sweetspot

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



30.4391, 0.4366, 0.3671



81.5106, 0.3393, 0.3399



25.8171, 0.3507, 0.2352



16.9401, 0.3436, 0.3415



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.



30.4391, 0.4366, 0.3671



41.9578, 0.4745, 0.3727



47.7758, 0.4013, 0.4273



12.3453, 0.3284, 0.3356



10.4420, 0.5991, 0.3625



0.7194, 0.5623, 0.3918

Inverse Universe

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



38.7184, 0.2381, 0.2849



56.4735, 0.2258, 0.2741



22.1242, 0.2223, 0.2044



12.8179, 0.2983, 0.3223



16.4318, 0.1986, 0.2349



1.0498, 0.2040, 0.2542

Previews

White Background



This preview shows how the Yxy color 30.4376, 0.4366, 0.3671 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 30.4376, 0.4366, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

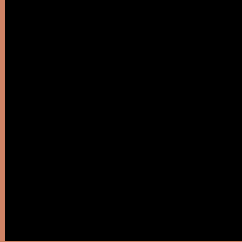
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4376, 0.4366, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 30.4376, 0.4366, 0.3671.



This preview shows how white text looks on a background with the Yxy color 30.4376, 0.4366, 0.3671.

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

30.4376, 0.4366, 0.3671

Protanopia

30.5982, 0.3661, 0.3921

Deuteranopia

30.6711, 0.4009, 0.3931



Tritanopia

30.4009, 0.4008, 0.3166

Trichromacy



Original Color

30.4376, 0.4366, 0.3671

Protanomaly

30.1505, 0.3908, 0.3828

Deuteranomaly

30.3325, 0.4133, 0.3826

Tritanomaly

30.4237, 0.4147, 0.3356

Monochromacy



Original Color

30.4376, 0.4366, 0.3671

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9688, 0.3549, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4376, 0.4366, 0.3671 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(207, 131, 101)` looks like.

```
.text, #text, p{  
    color:rgb(207, 131, 101)  
}
```

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(207, 131, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 131, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.4376, 0.4366, 0.3671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

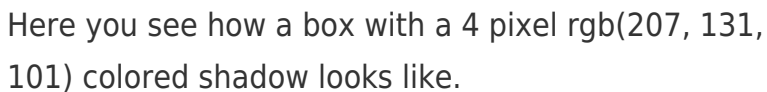
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 131, 101) }
```

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

```
.border{ border-color:rgb(207, 131, 101) }
```

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



Here you see how a box with a 4 pixel rgb(207, 131, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 131, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 131, 101);  
box-shadow:4px 4px 4px 4px rgb(207, 131,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4376, 0.4366, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 131, 101) }
```

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

```
.background{ background-color: rgb(207,  
131, 101) }
```

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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