

Converting Colors

$Yxy(32.8017, 0.4151, 0.3709)$

Have a look what the booklet for
Yxy(32.8017, 0.4151, 0.3709)
contains.

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Color

Yxy(32.7104, 0.4154, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	CA8D6D
RGB	202, 141, 109
RGB Percent	79%, 55%, 43%
CMY	0.2080, 0.4470, 0.5726
CMYK	0.00, 0.30, 0.46, 0.21
HSL	21°, 47%, 61%
HSV	21°, 46%, 79%
XYZ	36.6349, 32.7104, 18.8466
YIQ	155.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

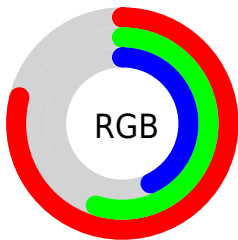
Format	Color
R _Y B	202, 158, 109
Decimal	13274477
CIE Lab	63.93, 19.37, 26.34
CIE LCh	64, 32.698, 53.672
Yxy	32.7104, 0.4154, 0.3709
Android (android.graphics.Color)	4291464557 (0xFFCA8D6D)
YUV	155.5910, -22.9694, 40.7007
Hunter-Lab	57.1930, 14.2503, 20.4975




Details

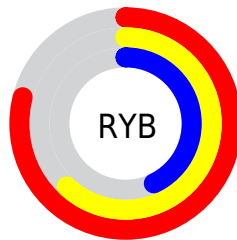
The Yxy color **32.7104, 0.4154, 0.3709** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2364, 0.2433, 0.2814**, and the grayscale version is **33.1427, 0.3127, 0.3290**.




A 20% lighter version of the original color is **62.8634, 0.3898, 0.3647**, and **13.8388, 0.4476, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **28.6517, 0.4473, 0.3788**, and if you desaturate by 10%, it is **37.3389, 0.3868, 0.3618**.

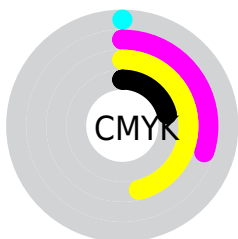
Distribution







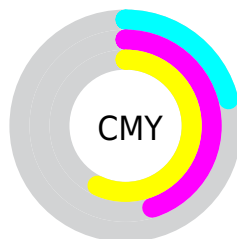
-  Red (79%)
-  Green (55%)
-  Blue (43%)






-  Red (79%)
-  Yellow (62%)
-  Blue (43%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (46%)
-  Black (21%)





-  Cyan (21%)
-  Magenta (45%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7104, 0.4154, 0.3709 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 32.7104, 0.4154, 0.3709 by changing the saturation by 10% instead.


 32.7104, 0.4154,
0.3709

 32.7104, 0.4154,
0.3709


314.3428, 0.3608,
0.3510

 21.9047, 0.4299,
0.3752


 63.9231, 0.3949,
0.3641


 13.7869, 0.4488,
0.3801


 85.0989, 0.3874,
0.3614

 7.9726, 0.4744,
0.3854


 110.5002, 0.3811,
0.3591

 4.0774, 0.5103,
0.3899

 140.5114, 0.3758,
0.3571

 1.7170, 0.5912,
0.4088

175.5168, 0.3713,
0.3553

 0.4346, 0.6711,
0.3289

215.9009, 0.3673,

 0.0000, 0.0000,

0.3537

0.0000

262.0481, 0.3639,
0.3523

■ 32.7104, 0.4154,
0.3709

■ 32.7104, 0.4154,
0.3709

■ 28.6517, 0.4473,
0.3788

■ 37.3389, 0.3868,
0.3618

■ 25.1347, 0.4816,
0.3844

■ 42.5542, 0.3620,
0.3524

■ 22.1359, 0.5165,
0.3866


■ 48.3787, 0.3406,
0.3430

■ 19.6277, 0.5490,
0.3841

■ 54.8317, 0.3224,
0.3341

■ 17.5788, 0.5762,
0.3766


■ 61.9320, 0.3069,
0.3258

 16.8806, 0.5859,
0.3730

 69.6973, 0.2938,
0.3181

 78.1449, 0.2826,
0.3111

 86.2481, 0.2810,
0.3204

 91.2919, 0.2816,
0.3289

Harmonies

Analogous

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



32.7104, 0.4032, 0.3304



32.7104, 0.4154, 0.3709



32.7104, 0.3976, 0.4054

Triad

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



32.7104, 0.4154, 0.3709



32.7104, 0.2604, 0.3688



32.7104, 0.2640, 0.2483

Complementary

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



32.7104, 0.4154, 0.3709



36.2364, 0.2433, 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.



32.7104, 0.2316, 0.2515



32.7104, 0.4154, 0.3709



32.7104, 0.2294, 0.3170

Square

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



32.7104, 0.4154, 0.3709



32.7104, 0.3069, 0.4099



32.7104, 0.2196, 0.2748



32.7104, 0.3119, 0.2631

Rectangle

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



32.7104, 0.4154, 0.3709



32.7104, 0.3725, 0.4195



32.7104, 0.2196, 0.2748



32.7104, 0.2512, 0.2472

Sweetspot

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



32.7120, 0.4154, 0.3709



83.8787, 0.3370, 0.3413



26.4255, 0.3531, 0.2511



17.4632, 0.3412, 0.3433



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.



32.7120, 0.4154, 0.3709



48.7122, 0.4464, 0.3786



48.9718, 0.3883, 0.4248



11.8352, 0.3282, 0.3370



11.0170, 0.5834, 0.3750



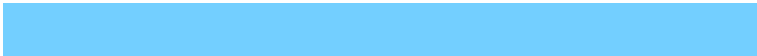
0.7093, 0.5454, 0.4051

Inverse Universe

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



36.2364, 0.2433, 0.2814



55.3174, 0.2304, 0.2693



22.0497, 0.2305, 0.2098



12.0509, 0.2983, 0.3208



13.6050, 0.1926, 0.2131



0.8399, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 32.7104, 0.4154, 0.3709 looks on a white background.

Color Contrast Check

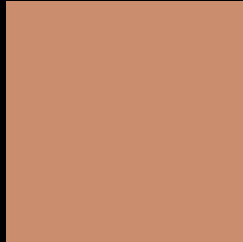
Large Text (above 18pt) WCAG AA × Fail

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 32.7104, 0.4154, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

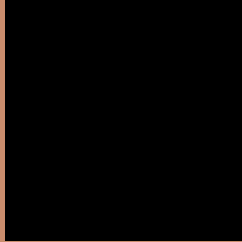
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7104, 0.4154, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 32.7104, 0.4154, 0.3709.



This preview shows how white text looks on a background with the Yxy color 32.7104, 0.4154, 0.3709.

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

32.7104, 0.4154, 0.3709

Protanopia

32.8960, 0.3635, 0.3889

Deuteranopia

32.8919, 0.3931, 0.3864



Tritanopia

32.6628, 0.3793, 0.3163

Trichromacy



Original Color

32.7104, 0.4154, 0.3709

Protanomaly

32.7082, 0.3820, 0.3820

Deuteranomaly

32.7168, 0.4014, 0.3810

Tritanomaly

32.7078, 0.3924, 0.3357

Monochromacy



Original Color

32.7104, 0.4154, 0.3709

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8815, 0.3474, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7104, 0.4154, 0.3709 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(202, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(202, 141, 109)  
}
```

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(202, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 141, 109) }
```

Border

The CSS property to change the border of an element to Yxy 32.7104, 0.4154, 0.3709 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(202, 141, 109) }
```

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

```
.border{ border-color:rgb(202, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 141, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 141, 109); box-shadow:4px 4px 4px 4px rgb(202, 141, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7104, 0.4154, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 141, 109) }
```

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

```
.background{ background-color: rgb(202,  
141, 109) }
```

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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