

Converting Colors

$Yxy(42.1107, 0.3981, 0.3721)$

Have a look what the booklet for
Yxy(42.1107, 0.3981, 0.3721)
contains.

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Color

Yxy(42.2000, 0.3969, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	D7A380
RGB	215, 163, 128
RGB Percent	84%, 64%, 50%
CMY	0.1570, 0.3607, 0.4980
CMYK	0.00, 0.24, 0.40, 0.16
HSL	24°, 52%, 67%
HSV	24°, 40%, 84%
XYZ	45.0126, 42.2000, 26.1978
YIQ	174.5580, 42.2270, 0.1390

Conversions

Conversions Part 2

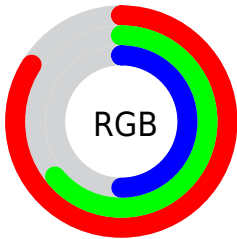
Format	Color
R_{YB}	215, 187, 128
Decimal	14132096
CIE _{Lab}	71.01, 14.70, 25.62
CIE _{LCh}	71, 29.537, 60.160
Yxy	42.2000, 0.3969, 0.3721
Android (android.graphics.Color)	4292322176 (0xFFD7A380)
YUV	174.5580, -22.9531, 35.4676
Hunter-Lab	64.9615, 10.0020, 21.5625

Details

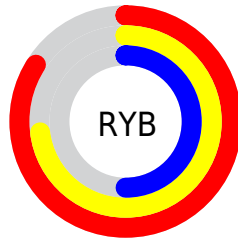
The Yxy color **42.2000, 0.3969, 0.3721** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.1241, 0.2498, 0.2808**, and the grayscale version is **42.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7390, 0.3667, 0.3671**, and **19.1880, 0.4220, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **37.3622, 0.4254, 0.3823**, and if you desaturate by 10%, it is **47.6251, 0.3714, 0.3612**.

Distribution



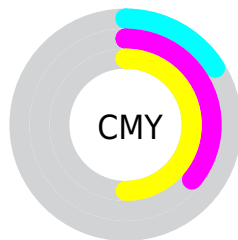
- Red (84%)
- Green (64%)
- Blue (50%)



- Red (84%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2000, 0.3969, 0.3721 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 42.2000, 0.3969, 0.3721 by changing the saturation by 10% instead.


 42.2000, 0.3969,
0.3721


 42.2000, 0.3969,
0.3721


355.3113, 0.3540,
0.3517

 29.2579, 0.4077,
0.3767


 78.5022, 0.3812,
0.3650

 19.2760, 0.4216,
0.3822


 102.6312, 0.3753,
0.3623

 11.8699, 0.4400,
0.3889


 131.2579, 0.3703,
0.3599

 6.6551, 0.4652,
0.3967

164.7667, 0.3661,
0.3578

 3.2474, 0.5020,
0.4055

203.5421, 0.3625,
0.3560

 1.2622, 0.5759,
0.4241

247.9684, 0.3593,

 0.1117, 0.8063,

0.3544

0.1937

298.4300, 0.3565,
0.3530

0.0000, 0.0000,
0.0000

42.2000, 0.3969,
0.3721

42.2000, 0.3969,
0.3721

37.3622, 0.4254,
0.3823

47.6251, 0.3714,
0.3612

33.0841, 0.4564,
0.3907

53.6514, 0.3492,
0.3502

29.3449, 0.4886,
0.3961

60.3002, 0.3299,
0.3395

26.1197, 0.5201,
0.3973

67.5896, 0.3134,
0.3294

23.3808, 0.5482,
0.3933

75.5370, 0.2992,
0.3201

■ 21.1846, 0.5706,
0.3851

■ 84.0299, 0.2882,
0.3135

■ 91.8650, 0.2888,
0.3268

■ 93.1831, 0.2888,
0.3289

Harmonies

Analogous

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



42.2000, 0.3920, 0.3384



42.2000, 0.3969, 0.3721



42.2000, 0.3778, 0.3978

Triad

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



42.2000, 0.3969, 0.3721



42.2000, 0.2622, 0.3529



42.2000, 0.2801, 0.2623

Complementary

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



42.2000, 0.3969, 0.3721



42.1241, 0.2498, 0.2808

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.



42.2000, 0.2491, 0.2619



42.2000, 0.3969, 0.3721



42.2000, 0.2393, 0.3111

Square

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



42.2000, 0.3969, 0.3721



42.2000, 0.2994, 0.3894



42.2000, 0.2348, 0.2785



42.2000, 0.3219, 0.2778

Rectangle

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



42.2000, 0.3969, 0.3721



42.2000, 0.3550, 0.4057



42.2000, 0.2348, 0.2785



42.2000, 0.2682, 0.2603

Sweetspot

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



42.2020, 0.3969, 0.3721



87.0686, 0.3329, 0.3412



33.1869, 0.3532, 0.2665



18.3529, 0.3354, 0.3426



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.



42.2020, 0.3969, 0.3721



55.6560, 0.4225, 0.3813



60.2782, 0.3766, 0.4199



13.2332, 0.3281, 0.3384



12.8696, 0.5680, 0.3872



0.9362, 0.5365, 0.4122

Inverse Universe

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



42.1241, 0.2498, 0.2808



55.4902, 0.2365, 0.2677



27.3027, 0.2399, 0.2178



13.2302, 0.2982, 0.3194



12.4522, 0.1868, 0.1923



0.9114, 0.1940, 0.2184

Previews

White Background



This preview shows how the Yxy color 42.2000, 0.3969, 0.3721 looks on a white background.

Color Contrast Check

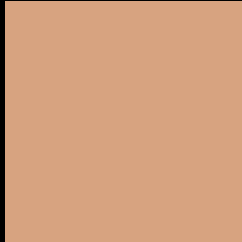
Large Text (above 18pt) WCAG AA × Fail

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 42.2000, 0.3969, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

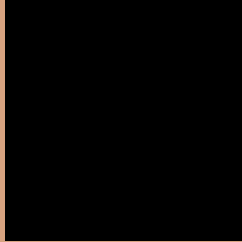
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2000, 0.3969, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 42.2000, 0.3969, 0.3721.



This preview shows how white text looks on a background with the Yxy color 42.2000, 0.3969, 0.3721.

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

42.2000, 0.3969, 0.3721

Protanopia

42.4047, 0.3592, 0.3844

Deuteranopia

42.2916, 0.3870, 0.3798



Tritanopia

42.0386, 0.3626, 0.3147

Trichromacy



Original Color

42.2000, 0.3969, 0.3721

Protanomaly

42.2585, 0.3732, 0.3800

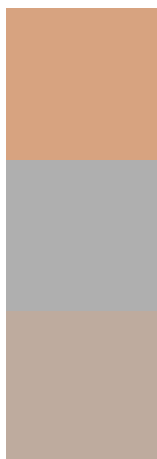
Deuteranomaly

42.3601, 0.3905, 0.3780

Tritanomaly

42.0348, 0.3760, 0.3353

Monochromacy



Original Color

42.2000, 0.3969, 0.3721

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5416, 0.3416, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2000, 0.3969, 0.3721 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(215, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(215, 163, 128)  
}
```

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(215, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 163, 128) }
```

Border

The CSS property to change the border of an element to Yxy 42.2000, 0.3969, 0.3721 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(215, 163, 128) }
```

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

```
.border{ border-color:rgb(215, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(215, 163,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2000, 0.3969, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 163, 128) }
```

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

```
.background{ background-color: rgb(215,  
163, 128) }
```

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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