

Converting Colors

$Yxy(44.3347, 0.4104, 0.4036)$

Have a look what the booklet for
Yxy(44.3347, 0.4104, 0.4036)
contains.

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Color

Yxy(44.2792, 0.4110, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	D7AA6C
RGB	215, 170, 108
RGB Percent	84%, 67%, 42%
CMY	0.1569, 0.3333, 0.5765
CMYK	0.00, 0.21, 0.50, 0.16
HSL	35°, 57%, 63%
HSV	35°, 50%, 84%
XYZ	45.1022, 44.2792, 20.3564
YIQ	176.3870, 46.7220, -9.7420

Conversions

Conversions Part 2

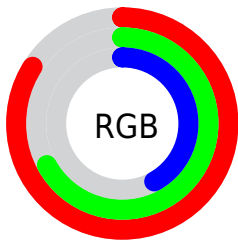
Format	Color
R _{YB}	186, 215, 108
Decimal	14133868
CIE Lab	72.41, 8.89, 38.08
CIE LCh	72, 39.104, 76.852
Yxy	44.2792, 0.4110, 0.4035
Android (android.graphics.Color)	4292323948 (0xFFD7AA6C)
YUV	176.3870, -33.7148, 33.8636
Hunter-Lab	66.5426, 4.5368, 28.4422

Details

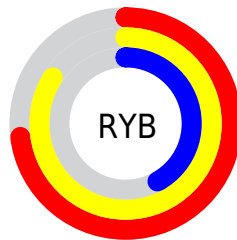
The Yxy color **44.2792, 0.4110, 0.4035** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.8667, 0.2306, 0.2386**, and the grayscale version is **43.7904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6485, 0.3792, 0.3952**, and **20.5417, 0.4371, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **40.6057, 0.4351, 0.4161**, and if you desaturate by 10%, it is **48.3028, 0.3877, 0.3890**.

Distribution



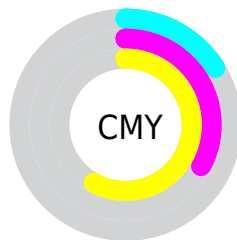
- Red (84%)
- Green (67%)
- Blue (42%)



- Red (73%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2792, 0.4110, 0.4035 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 44.2792, 0.4110, 0.4035 by changing the saturation by 10% instead.


 44.2792, 0.4110,
0.4035


 44.2792, 0.4110,
0.4035


363.8464, 0.3622,
0.3681


 30.8901, 0.4226,
0.4113


 81.6377, 0.3936,
0.3913


 20.5152, 0.4371,
0.4207


 106.3759, 0.3869,
0.3865

 12.7701, 0.4553,
0.4316


 135.6658, 0.3813,
0.3824

 7.2704, 0.4783,
0.4440

 169.8920, 0.3764,
0.3788

 3.6318, 0.5238,
0.4710

209.4387, 0.3721,
0.3756

 1.4698, 0.5398,
0.4602

254.6904, 0.3684,

 0.2673, 0.6380,

0.3728

0.3620

306.0315, 0.3651,
0.3704

0.0000, 0.0000,
0.0000

44.2792, 0.4110,
0.4035

44.2792, 0.4110,
0.4035

40.6057, 0.4351,
0.4161

48.3028, 0.3877,
0.3890

37.2627, 0.4592,
0.4257

52.6821, 0.3660,
0.3736

34.2380, 0.4818,
0.4310

57.4307, 0.3461,
0.3581

31.5152, 0.5017,
0.4312

62.5591, 0.3282,
0.3430

29.0692, 0.5183,
0.4264

68.0776, 0.3124,
0.3287

■ 29.0142, 0.5187,
0.4263

■ 73.9957, 0.2983,
0.3152

■ 80.0961, 0.2879,
0.3063

■ 85.3525, 0.2883,
0.3158

■ 90.8749, 0.2887,
0.3252

Harmonies

Analogous

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



44.2792, 0.4237, 0.3637



44.2792, 0.4110, 0.4035



44.2792, 0.3717, 0.4281

Triad

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



44.2792, 0.4110, 0.4035



44.2792, 0.2287, 0.3282



44.2792, 0.2989, 0.2533

Complementary

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



44.2792, 0.4110, 0.4035



30.8667, 0.2306, 0.2386

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.



44.2792, 0.2506, 0.2415



44.2792, 0.4110, 0.4035



44.2792, 0.2131, 0.2789

Square

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



44.2792, 0.4110, 0.4035



44.2792, 0.2663, 0.3843



44.2792, 0.2208, 0.2493



44.2792, 0.3557, 0.2812

Rectangle

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



44.2792, 0.4110, 0.4035



44.2792, 0.3368, 0.4288



44.2792, 0.2208, 0.2493



44.2792, 0.2812, 0.2473

Sweetspot

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



44.2813, 0.4110, 0.4035



87.9437, 0.3376, 0.3511



27.5148, 0.3896, 0.2732



18.4834, 0.3415, 0.3543



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.



44.2813, 0.4110, 0.4035



59.3438, 0.4371, 0.4171



63.0636, 0.3795, 0.4517



13.6044, 0.3277, 0.3425



17.5708, 0.5168, 0.4278



1.2219, 0.4955, 0.4448

Inverse Universe

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



30.8667, 0.2306, 0.2386



37.4318, 0.2133, 0.2145



19.2843, 0.2233, 0.1742



12.8581, 0.2982, 0.3151



7.5458, 0.1704, 0.1333



0.6169, 0.1799, 0.1675

Previews

White Background



This preview shows how the Yxy color 44.2792, 0.4110, 0.4035 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 44.2792, 0.4110, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

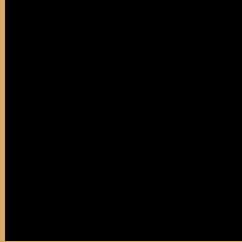
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2792, 0.4110, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 44.2792, 0.4110, 0.4035.



This preview shows how white text looks on a background with the Yxy color 44.2792, 0.4110, 0.4035.

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

44.2792, 0.4110, 0.4035

Protanopia

44.4578, 0.3837, 0.4157

Deuteranopia

44.2792, 0.4110, 0.4035



Tritanopia

44.2688, 0.3584, 0.3149

Trichromacy



Original Color

44.2792, 0.4110, 0.4035

Protanomaly

44.3423, 0.3938, 0.4109

Deuteranomaly

44.2792, 0.4110, 0.4035

Tritanomaly

44.1723, 0.3788, 0.3473

Monochromacy



Original Color

44.2792, 0.4110, 0.4035

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4536, 0.3471, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2792, 0.4110, 0.4035 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, 170, 108)` looks like.

```
.text, #text, p{  
    color:rgb(215, 170, 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(215, 170, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 170, 108) }
```

Border

The CSS property to change the border of an element to Yxy 44.2792, 0.4110, 0.4035 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, 170, 108) }
```

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

```
.border{ border-color:rgb(215, 170, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 170, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 170, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 170, 108);  
box-shadow:4px 4px 4px 4px rgb(215, 170,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2792, 0.4110, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 170, 108) }
```

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

```
.background{ background-color: rgb(215,  
170, 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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