

Converting Colors

$Y_{xy}(44.0595, 0.4013, 0.4108)$

Have a look what the booklet for
Yxy(44.0595, 0.4013, 0.4108)
contains.

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Color

Yxy(44.0705, 0.4013, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	CEAD6B
RGB	206, 173, 107
RGB Percent	81%, 68%, 42%
CMY	0.1922, 0.3215, 0.5802
CMYK	0.00, 0.16, 0.48, 0.19
HSL	40°, 50%, 61%
HSV	40°, 48%, 81%
XYZ	43.0513, 44.0705, 20.1579
YIQ	175.3430, 40.8540, -13.5300

Conversions

Conversions Part 2

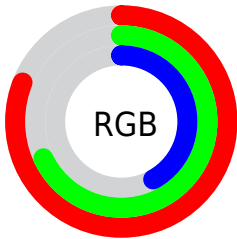
Format	Color
RYB	157, 206, 107
Decimal	13544811
CIELab	72.28, 3.49, 38.21
CIELCh	72, 38.371, 84.779
Yxy	44.0705, 0.4013, 0.4108
Android (android.graphics.Color)	4291734891 (0xFFCEAD6B)
YUV	175.3430, -33.6931, 26.8862
Hunter-Lab	66.3856, -0.4168, 28.4666

Details

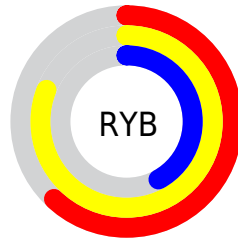
The Yxy color **44.0705, 0.4013, 0.4108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.3486, 0.2312, 0.2291**, and the grayscale version is **43.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2500, 0.3788, 0.3990**, and **20.4643, 0.4245, 0.4305** is the 20% darker color. If you saturate the color by 10%, you get **41.1227, 0.4224, 0.4256**, and if you desaturate by 10%, it is **47.2611, 0.3805, 0.3942**.

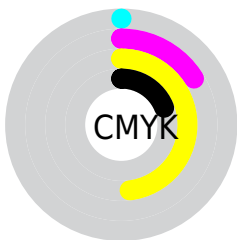
Distribution



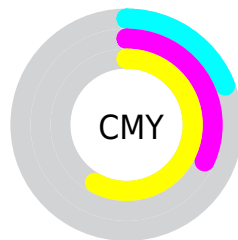
- Red (81%)
- Green (68%)
- Blue (42%)



- Red (62%)
- Yellow (81%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (48%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0705, 0.4013, 0.4108 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 44.0705, 0.4013, 0.4108 by changing the saturation by 10% instead.

 44.0705, 0.4013,
0.4108


 44.0705, 0.4013,
0.4108


362.9959, 0.3576,
0.3711

 30.7259, 0.4116,
0.4199


 81.3238, 0.3857,
0.3969

 20.3902, 0.4244,
0.4310


 106.0014, 0.3798,
0.3915

 12.6790, 0.4403,
0.4445


 135.2254, 0.3747,
0.3869

 7.2079, 0.4601,
0.4605

 169.3802, 0.3703,
0.3829

 3.5925, 0.5021,
0.4961

208.8503, 0.3665,
0.3794

 1.4483, 0.5085,
0.4915

254.0200, 0.3632,

 0.2519, 0.5631,

0.3763

0.4369

305.2737, 0.3602,
0.3735

0.0000, 0.0000,
0.0000

44.0705, 0.4013,
0.4108

44.0705, 0.4013,
0.4108

41.1227, 0.4224,
0.4256

47.2611, 0.3805,
0.3942

38.4021, 0.4429,
0.4375

50.6970, 0.3606,
0.3767

35.9001, 0.4618,
0.4454

54.3883, 0.3421,
0.3592

33.6049, 0.4782,
0.4485

58.3426, 0.3252,
0.3421

31.4995, 0.4914,
0.4466

62.5672, 0.3098,
0.3259

■ 31.1039, 0.4939,
0.4460

■ 67.0687, 0.2961,
0.3106

■ 71.8537, 0.2838,
0.2965

■ 75.7963, 0.2821,
0.3002

■ 79.6489, 0.2825,
0.3076

Harmonies

Analogous

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



44.0705, 0.4216, 0.3744



44.0705, 0.4013, 0.4108



44.0705, 0.3577, 0.4284

Triad

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



44.0705, 0.4013, 0.4108



44.0705, 0.2238, 0.3140



44.0705, 0.3138, 0.2603

Complementary

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



44.0705, 0.4013, 0.4108



26.3486, 0.2312, 0.2291

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.



44.0705, 0.2627, 0.2441



44.0705, 0.4013, 0.4108



44.0705, 0.2144, 0.2700

Square

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



44.0705, 0.4013, 0.4108



44.0705, 0.2556, 0.3693



44.0705, 0.2279, 0.2465



44.0705, 0.3690, 0.2914

Rectangle

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



44.0705, 0.4013, 0.4108



44.0705, 0.3222, 0.4229



44.0705, 0.2279, 0.2465



44.0705, 0.2955, 0.2530

Sweetspot

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



44.0726, 0.4013, 0.4108



90.5506, 0.3354, 0.3525



25.5879, 0.3966, 0.2853



19.0865, 0.3392, 0.3563



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.



44.0726, 0.4013, 0.4108



66.3195, 0.4238, 0.4265



56.2978, 0.3703, 0.4508



12.4420, 0.3274, 0.3444



19.3388, 0.4925, 0.4471



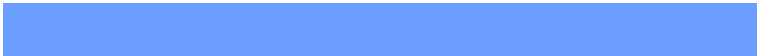
1.1336, 0.4748, 0.4612

Inverse Universe

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



26.3486, 0.2312, 0.2291



34.2651, 0.2127, 0.2020



19.1087, 0.2340, 0.1832



11.4449, 0.2983, 0.3131



5.5007, 0.1637, 0.1093



0.4231, 0.1749, 0.1496

Previews

White Background



This preview shows how the Yxy color 44.0705, 0.4013, 0.4108 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 44.0705, 0.4013, 0.4108 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 44.0705, 0.4013, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 44.0705, 0.4013, 0.4108.

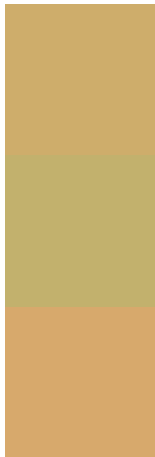


This preview shows how white text looks on a background with the Yxy color 44.0705, 0.4013, 0.4108.

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

44.0705, 0.4013, 0.4108

Protanopia

44.0177, 0.3858, 0.4170

Deuteranopia

43.9057, 0.4117, 0.4024



Tritanopia

44.2307, 0.3473, 0.3145

Trichromacy



Original Color

44.0705, 0.4013, 0.4108

Protanomaly

44.1391, 0.3910, 0.4157

Deuteranomaly

43.8292, 0.4081, 0.4044

Tritanomaly

43.9739, 0.3671, 0.3491

Monochromacy



Original Color

44.0705, 0.4013, 0.4108

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9132, 0.3442, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0705, 0.4013, 0.4108 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(206, 173, 107)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 107)  
}
```

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(206, 173, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 107) }
```

Border

The CSS property to change the border of an element to Yxy 44.0705, 0.4013, 0.4108 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(206, 173, 107) }
```

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

```
.border{ border-color:rgb(206, 173, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 107);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0705, 0.4013, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 107) }
```

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

```
.background{ background-color: rgb(206,  
173, 107) }
```

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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