

Converting Colors

$Y_{xy}(44.1426, 0.3986, 0.4200)$

Have a look what the booklet for
Yxy(44.1426, 0.3986, 0.4200)
contains.

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Color

Yxy(44.0567, 0.3985, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	C9AF67
RGB	201, 175, 103
RGB Percent	79%, 69%, 40%
CMY	0.2118, 0.3137, 0.5961
CMYK	0.00, 0.13, 0.49, 0.21
HSL	44°, 48%, 60%
HSV	44°, 49%, 79%
XYZ	41.8612, 44.0567, 19.1291
YIQ	174.5660, 38.6080, -16.8800

Conversions

Conversions Part 2

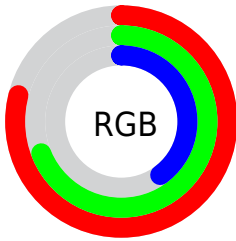
Format	Color
RYB	138, 201, 103
Decimal	13217639
CIELab	72.27, -0.04, 40.17
CIELCh	72, 40.169, 90.058
Yxy	44.0567, 0.3985, 0.4194
Android (android.graphics.Color)	4291407719 (0xFFC9AF67)
YUV	174.5660, -35.2820, 23.1826
Hunter-Lab	66.3752, -3.5811, 29.3755

Details

The Yxy color **44.0567, 0.3985, 0.4194** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **22.7912, 0.2280, 0.2167**, and the grayscale version is **42.8044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2202, 0.3807, 0.4048**, and **20.4520, 0.4196, 0.4418** is the 20% darker color. If you saturate the color by 10%, you get **41.6697, 0.4174, 0.4353**, and if you desaturate by 10%, it is **46.6267, 0.3793, 0.4015**.

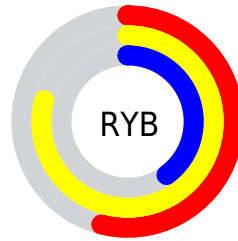
Distribution



Red (79%)

Green (69%)

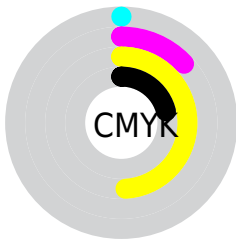
Blue (40%)



Red (54%)

Yellow (79%)

Blue (40%)

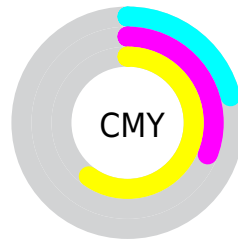


Cyan (0%)

Magenta (13%)

Yellow (49%)

Black (21%)



Cyan (21%)


Magenta (31%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0567, 0.3985, 0.4194 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 44.0567, 0.3985, 0.4194 by changing the saturation by 10% instead.


 44.0567, 0.3985,
0.4194


 44.0567, 0.3985,
0.4194


362.9396, 0.3565,
0.3751


 30.7151, 0.4082,
0.4297


 81.3031, 0.3837,
0.4038


 20.3820, 0.4201,
0.4422


 105.9766, 0.3780,
0.3978

 12.6730, 0.4347,
0.4576


 135.1962, 0.3731,
0.3926

 7.2038, 0.4522,
0.4760

 169.3463, 0.3689,
0.3882

 3.5899, 0.4871,
0.5129

208.8113, 0.3652,
0.3843

 1.4469, 0.4871,
0.5129

253.9756, 0.3619,

 0.2509, 0.4863,

0.3809

0.5137

305.2236, 0.3591,
0.3778

0.0000, 0.0000,
0.0000

44.0567, 0.3985,
0.4194

44.0567, 0.3985,
0.4194

41.6697, 0.4174,
0.4353

46.6267, 0.3793,
0.4015

39.4514, 0.4352,
0.4481

49.3806, 0.3606,
0.3826

37.3949, 0.4511,
0.4569

52.3273, 0.3428,
0.3635

35.4898, 0.4642,
0.4610

55.4731, 0.3262,
0.3447

33.7198, 0.4746,
0.4606

58.8239, 0.3109,
0.3268

■ 33.5054, 0.4758,
0.4604

■ 62.3852, 0.2970,
0.3099

■ 66.1624, 0.2845,
0.2942

■ 69.5818, 0.2782,
0.2885

■ 72.3825, 0.2786,
0.2944

Harmonies

Analogous

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



44.0567, 0.4251, 0.3834



44.0567, 0.3985, 0.4194



44.0567, 0.3499, 0.4334

Triad

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



44.0567, 0.3985, 0.4194



44.0567, 0.2165, 0.3036



44.0567, 0.3240, 0.2622

Complementary

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



44.0567, 0.3985, 0.4194



22.7912, 0.2280, 0.2167

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.



44.0567, 0.2687, 0.2423



44.0567, 0.3985, 0.4194



44.0567, 0.2111, 0.2612

Square

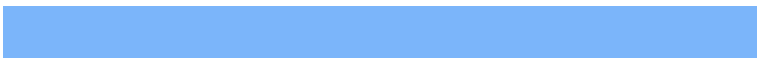
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.0567, 0.3985, 0.4194



44.0567, 0.2455, 0.3610



44.0567, 0.2291, 0.2410



44.0567, 0.3809, 0.2965

Rectangle

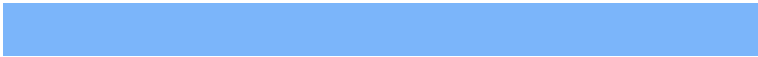
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0567, 0.3985, 0.4194



44.0567, 0.3124, 0.4234



44.0567, 0.2291, 0.2410



44.0567, 0.3045, 0.2537

Sweetspot

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



44.0588, 0.3985, 0.4194



91.4788, 0.3367, 0.3568



23.7035, 0.4099, 0.2953



19.3378, 0.3404, 0.3608



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.



44.0588, 0.3985, 0.4194



70.9371, 0.4194, 0.4368



52.2213, 0.3639, 0.4555



11.9230, 0.3272, 0.3459



21.2285, 0.4748, 0.4612



1.1191, 0.4608, 0.4723

Inverse Universe

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



22.7912, 0.2280, 0.2167



30.2705, 0.2080, 0.1859



18.3418, 0.2401, 0.1837



10.7371, 0.2983, 0.3115



4.3975, 0.1593, 0.0934



0.3309, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 44.0567, 0.3985, 0.4194 looks on a white background.

Color Contrast Check

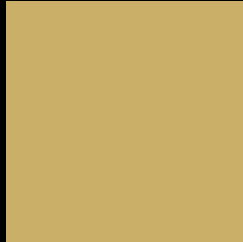
Large Text (above 18pt) WCAG AA × Fail

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 44.0567, 0.3985, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

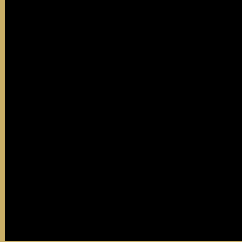
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0567, 0.3985, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 44.0567, 0.3985, 0.4194.

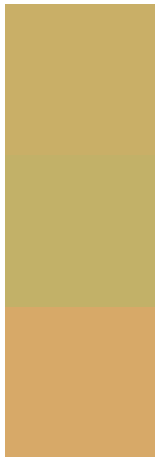


This preview shows how white text looks on a background with the Yxy color 44.0567, 0.3985, 0.4194.

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

44.0567, 0.3985, 0.4194

Protanopia

43.9131, 0.3898, 0.4230

Deuteranopia

43.8225, 0.4150, 0.4068



Tritanopia

43.9370, 0.3405, 0.3131

Trichromacy



Original Color

44.0567, 0.3985, 0.4194

Protanomaly

43.9205, 0.3933, 0.4208

Deuteranomaly

43.8269, 0.4089, 0.4107

Tritanomaly

43.5894, 0.3629, 0.3519

Monochromacy



Original Color

44.0567, 0.3985, 0.4194

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0202, 0.3430, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0567, 0.3985, 0.4194 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(201, 175, 103)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 103)  
}
```

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(201, 175, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 103) }
```

Border

The CSS property to change the border of an element to Yxy 44.0567, 0.3985, 0.4194 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(201, 175, 103) }
```

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

```
.border{ border-color:rgb(201, 175, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 175, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 103);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0567, 0.3985, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 103) }
```

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

```
.background{ background-color: rgb(201,  
175, 103) }
```

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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