

Converting Colors

$Yxy(44.0780, 0.3790, 0.4119)$

Have a look what the booklet for
Yxy(44.0780, 0.3790, 0.4119)
contains.

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Color

Yxy(44.2622, 0.3794, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	C0B272
RGB	192, 178, 114
RGB Percent	75%, 70%, 45%
CMY	0.2469, 0.3020, 0.5530
CMYK	0.00, 0.07, 0.41, 0.25
HSL	49°, 38%, 60%
HSV	49°, 41%, 75%
XYZ	40.7006, 44.2622, 22.3135
YIQ	174.8900, 28.8880, -16.9360

Conversions

Conversions Part 2

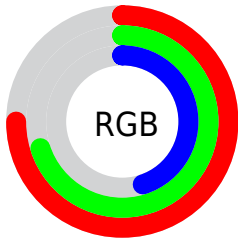
Format	Color
RYB	131, 192, 114
Decimal	12628594
CIELab	72.40, -4.18, 34.51
CIELCh	72, 34.758, 96.907
Yxy	44.2622, 0.3794, 0.4126
Android (android.graphics.Color)	4290818674 (0xFFC0B272)
YUV	174.8900, -30.0188, 15.0055
Hunter-Lab	66.5298, -7.2272, 26.6856

Details

The Yxy color $44.2622, 0.3794, 0.4126$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $22.8269, 0.2417, 0.2282$, and the grayscale version is $42.9590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9597, 0.3678, 0.3975$, and $20.6217, 0.3956, 0.4355$ is the 20% darker color. If you saturate the color by 10%, you get $42.5152, 0.3964, 0.4317$, and if you desaturate by 10%, it is $46.1397, 0.3621, 0.3921$.

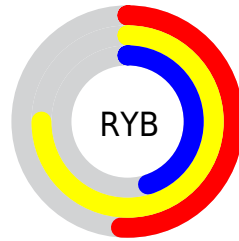
Distribution



Red (75%)

Green (70%)

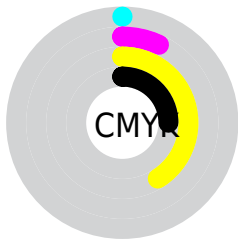
Blue (45%)



Red (51%)

Yellow (75%)

Blue (45%)

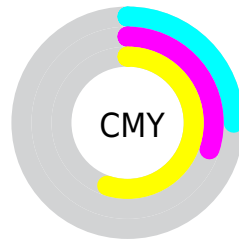


Cyan (0%)

Magenta (7%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2622, 0.3794, 0.4126 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 44.2622, 0.3794, 0.4126 by changing the saturation by 10% instead.


 44.2622, 0.3794,
0.4126

 44.2622, 0.3794,
0.4126


363.7772, 0.3467,
0.3708


 30.8767, 0.3871,
0.4228


 81.6121, 0.3678,
0.3975


 20.5050, 0.3966,
0.4355

 106.3454, 0.3634,
0.3918

 12.7626, 0.4084,
0.4518


 135.6300, 0.3596,
0.3870

 7.2653, 0.4231,
0.4730

 169.8503, 0.3563,
0.3828

 3.6286, 0.4492,
0.5103

209.3908, 0.3534,
0.3792

 1.4680, 0.4613,
0.5387

254.6359, 0.3509,

 0.2661, 0.3618,

0.3761

0.6382

305.9698, 0.3487,
0.3733

0.0000, 0.0000,
0.0000

44.2622, 0.3794,
0.4126

44.2622, 0.3794,
0.4126

42.5152, 0.3964,
0.4317

46.1397, 0.3621,
0.3921

40.8865, 0.4126,
0.4485

48.1470, 0.3451,
0.3711

39.3714, 0.4270,
0.4619

50.2914, 0.3289,
0.3503


37.9623, 0.4392,
0.4711


52.5777, 0.3137,
0.3303

36.6503, 0.4486,
0.4758

55.0103, 0.2996,
0.3112

 35.4942, 0.4552,
0.4768

 57.5936, 0.2867,
0.2934

 60.3317, 0.2750,
0.2769

 62.3893, 0.2715,
0.2742

 64.0660, 0.2718,
0.2781

Harmonies

Analogous

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



44.2622, 0.4072, 0.3856



44.2622, 0.3794, 0.4126



44.2622, 0.3347, 0.4170

Triad

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



44.2622, 0.3794, 0.4126



44.2622, 0.2256, 0.2978



44.2622, 0.3345, 0.2764

Complementary

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



44.2622, 0.3794, 0.4126



22.8269, 0.2417, 0.2282

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.



44.2622, 0.2849, 0.2554



44.2622, 0.3794, 0.4126



44.2622, 0.2254, 0.2646

Square

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



44.2622, 0.3794, 0.4126



44.2622, 0.2469, 0.3453



44.2622, 0.2461, 0.2506



44.2622, 0.3811, 0.3092

Rectangle

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



44.2622, 0.3794, 0.4126



44.2622, 0.3020, 0.4033



44.2622, 0.2461, 0.2506



44.2622, 0.3175, 0.2678

Sweetspot

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



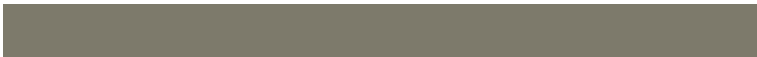
44.2642, 0.3794, 0.4126



90.4757, 0.3314, 0.3535



24.8082, 0.3953, 0.3096



19.2985, 0.3335, 0.3562



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2642, 0.3794, 0.4126



77.2720, 0.3950, 0.4302



47.1764, 0.3506, 0.4364



11.4403, 0.3269, 0.3478



23.9795, 0.4547, 0.4772



1.1184, 0.4455, 0.4845

Inverse Universe

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



22.8269, 0.2417, 0.2282



33.0851, 0.2238, 0.2008



21.3020, 0.2612, 0.2129



10.0344, 0.2983, 0.3095



3.4340, 0.1550, 0.0778



0.2400, 0.1657, 0.1165

Previews

White Background



This preview shows how the Yxy color 44.2622, 0.3794, 0.4126 looks on a white background.

Color Contrast Check

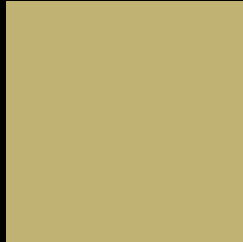
Large Text (above 18pt) WCAG AA × Fail

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 44.2622, 0.3794, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

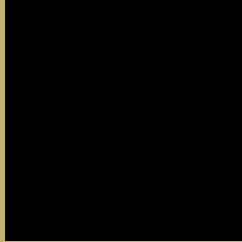
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2622, 0.3794, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 44.2622, 0.3794, 0.4126.

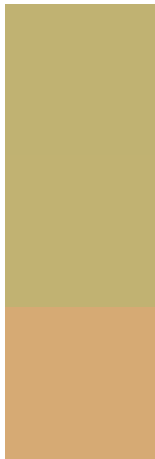


This preview shows how white text looks on a background with the Yxy color 44.2622, 0.3794, 0.4126.

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

44.2622, 0.3794, 0.4126

Protanopia

44.3932, 0.3803, 0.4123

Deuteranopia

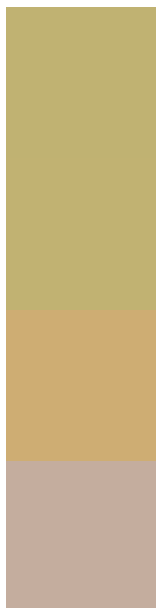
44.3065, 0.4032, 0.3947



Tritanopia

44.3105, 0.3280, 0.3127

Trichromacy



Original Color

44.2622, 0.3794, 0.4126

Protanomaly

44.3932, 0.3803, 0.4123

Deuteranomaly

44.2468, 0.3946, 0.4015

Tritanomaly

44.0915, 0.3468, 0.3485

Monochromacy



Original Color

44.2622, 0.3794, 0.4126

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1743, 0.3365, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2622, 0.3794, 0.4126 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(192, 178, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 114)  
}
```

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(192, 178, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 114) }
```

Border

The CSS property to change the border of an element to Yxy 44.2622, 0.3794, 0.4126 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(192, 178, 114) }
```

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

```
.border{ border-color:rgb(192, 178, 114) }
```

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

Here you see how a box with a 4 pixel rgb(192, 178, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2622, 0.3794, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 114) }
```

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

```
.background{ background-color: rgb(192,  
178, 114) }
```

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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