

Converting Colors

$Y_{xy}(44.1496, 0.3702, 0.3893)$

Have a look what the booklet for
Yxy(44.1496, 0.3702, 0.3893)
contains.

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Color

Yxy(44.2645, 0.3697, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	C3B082
RGB	195, 176, 130
RGB Percent	76%, 69%, 51%
CMY	0.2353, 0.3098, 0.4903
CMYK	0.00, 0.10, 0.33, 0.24
HSL	42°, 35%, 64%
HSV	42°, 33%, 76%
XYZ	42.0575, 44.2645, 27.4392
YIQ	176.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

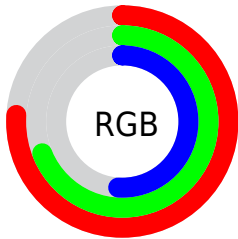
Format	Color
RYB	157, 195, 130
Decimal	12824706
CIELab	72.40, -0.04, 26.09
CIElCh	72, 26.094, 90.096
Yxy	44.2645, 0.3697, 0.3891
Android (android.graphics.Color)	4291014786 (0xFFC3B082)
YUV	176.4370, -22.8934, 16.2798
Hunter-Lab	66.5316, -3.5926, 22.1195

Details

The Yxy color $44.2645, 0.3697, 0.3891$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.1674, 0.2572, 0.2604$, and the grayscale version is $43.7676, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2662, 0.3595, 0.3781$, and $20.5699, 0.3850, 0.4067$ is the 20% darker color. If you saturate the color by 10%, you get $41.6053, 0.3892, 0.4071$, and if you desaturate by 10%, it is $47.1206, 0.3511, 0.3706$.

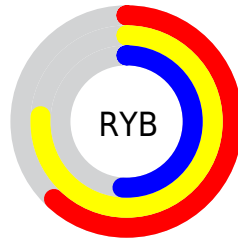
Distribution



Red (76%)

Green (69%)

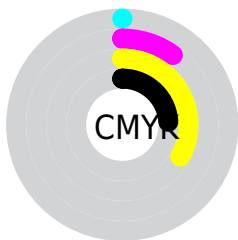
Blue (51%)



Red (62%)

Yellow (76%)

Blue (51%)

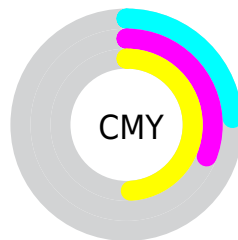


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2645, 0.3697, 0.3891 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 44.2645, 0.3697, 0.3891 by changing the saturation by 10% instead.

 44.2645, 0.3697,
0.3891

 44.2645, 0.3697,
0.3891


363.7865, 0.3412,
0.3591

 30.8785, 0.3767,
0.3965


 81.6156, 0.3594,
0.3783

 20.5063, 0.3855,
0.4058


 106.3495, 0.3555,
0.3742

 12.7636, 0.3970,
0.4179

 135.6348, 0.3522,
0.3707

 7.2660, 0.4124,
0.4341

169.8559, 0.3494,
0.3677

 3.6290, 0.4334,
0.4564

209.3973, 0.3470,
0.3651

 1.4683, 0.4870,
0.5130

254.6432, 0.3448,

 0.2662, 0.4862,

0.3629

0.5138

305.9782, 0.3429,
0.3609

0.0000, 0.0000,
0.0000

44.2645, 0.3697,
0.3891

44.2645, 0.3697,
0.3891

41.6053, 0.3892,
0.4071

47.1206, 0.3511,
0.3706

39.1303, 0.4090,
0.4237

50.1738, 0.3337,
0.3524

36.8340, 0.4284,
0.4378

53.4321, 0.3177,
0.3347

34.7084, 0.4465,
0.4485

56.9011, 0.3032,
0.3180

32.7443, 0.4623,
0.4548

60.5861, 0.2902,
0.3024

■ 30.9310, 0.4753,
0.4561

■ 64.4922, 0.2785,
0.2879

■ 29.7942, 0.4826,
0.4550

■ 67.8629, 0.2743,
0.2861

■ 70.8286, 0.2749,
0.2925

■ 73.8963, 0.2754,
0.2988

Harmonies

Analogous

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



44.2645, 0.3859, 0.3672



44.2645, 0.3697, 0.3891



44.2645, 0.3384, 0.3954

Triad

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



44.2645, 0.3697, 0.3891



44.2645, 0.2484, 0.3139



44.2645, 0.3208, 0.2839

Complementary

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



44.2645, 0.3697, 0.3891



30.1674, 0.2572, 0.2604

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.



44.2645, 0.2843, 0.2703



44.2645, 0.3697, 0.3891



44.2645, 0.2443, 0.2853

Square

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



44.2645, 0.3697, 0.3891



44.2645, 0.2688, 0.3499



44.2645, 0.2570, 0.2703



44.2645, 0.3570, 0.3079

Rectangle

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



44.2645, 0.3697, 0.3891



44.2645, 0.3138, 0.3881



44.2645, 0.2570, 0.2703



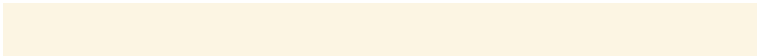
44.2645, 0.3081, 0.2780

Sweetspot

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



44.2665, 0.3697, 0.3891



91.6895, 0.3285, 0.3466



29.7467, 0.3661, 0.3030



19.8988, 0.3308, 0.3492



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.



44.2665, 0.3697, 0.3891



75.7860, 0.3838, 0.4023



50.5814, 0.3510, 0.4145



11.2454, 0.3272, 0.3452



19.5174, 0.4815, 0.4559



0.9575, 0.4646, 0.4693

Inverse Universe

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



30.1674, 0.2572, 0.2604



46.7105, 0.2439, 0.2424



25.7382, 0.2652, 0.2341



10.2165, 0.2984, 0.3122



4.5865, 0.1610, 0.0996



0.3208, 0.1740, 0.1462

Previews

White Background



This preview shows how the Yxy color 44.2645, 0.3697, 0.3891 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 44.2645, 0.3697, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

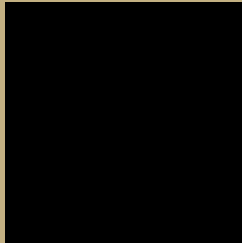
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2645, 0.3697, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 44.2645, 0.3697, 0.3891.



This preview shows how white text looks on a background with the Yxy color 44.2645, 0.3697, 0.3891.

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

44.2645, 0.3697, 0.3891

Protanopia

44.1593, 0.3646, 0.3898

Deuteranopia

44.0898, 0.3859, 0.3776



Tritanopia

44.1708, 0.3308, 0.3128

Trichromacy



Original Color

44.2645, 0.3697, 0.3891

Protanomaly

44.2894, 0.3656, 0.3896

Deuteranomaly

44.1229, 0.3801, 0.3810

Tritanomaly

44.2915, 0.3454, 0.3406

Monochromacy



Original Color

44.2645, 0.3697, 0.3891

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6212, 0.3332, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2645, 0.3697, 0.3891 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(195, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 130)  
}
```

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(195, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 130) }
```

Border

The CSS property to change the border of an element to Yxy 44.2645, 0.3697, 0.3891 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(195, 176, 130) }
```

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

```
.border{ border-color:rgb(195, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2645, 0.3697, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 130) }
```

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

```
.background{ background-color: rgb(195,  
176, 130) }
```

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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