

Converting Colors

Yxy(44.8686, 0.3696, 0.3943)

Have a look what the booklet for
Yxy(44.8686, 0.3696, 0.3943)
contains.

Yxy(44.8686, 0.3696, 0.3943)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8686, 0.3696, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	C2B280
RGB	194, 178, 128
RGB Percent	76%, 70%, 50%
CMY	0.2394, 0.3019, 0.4980
CMYK	0.00, 0.08, 0.34, 0.24
HSL	45°, 35%, 63%
HSV	45°, 34%, 76%
XYZ	42.0579, 44.8686, 26.8665
YIQ	177.0840, 25.5860, -12.1580

Conversions

Conversions Part 2

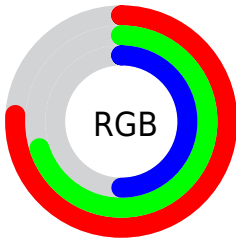
Format	Color
RYB	149, 194, 128
Decimal	12759680
CIELab	72.81, -1.77, 27.67
CIELCh	73, 27.726, 93.657
Yxy	44.8686, 0.3696, 0.3943
Android (android.graphics.Color)	4290949760 (0xFFC2B280)
YUV	177.0840, -24.1984, 14.8353
Hunter-Lab	66.9840, -5.1455, 23.1083

Details

The Yxy color $44.8686, 0.3696, 0.3943$ is a light color, and the websafe version is hex `CCCC99`, and the color name is [ecru](#). A complement of this color would be $28.4143, 0.2553, 0.2537$, and the grayscale version is $44.1313, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6911, 0.3593, 0.3831$, and $20.9607, 0.3845, 0.4137$ is the 20% darker color. If you saturate the color by 10%, you get $42.5732, 0.3881, 0.4132$, and if you desaturate by 10%, it is $47.3296, 0.3516, 0.3747$.

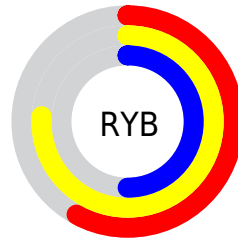
Distribution



Red (76%)

Green (70%)

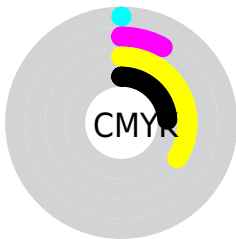
Blue (50%)



Red (58%)

Yellow (76%)

Blue (50%)

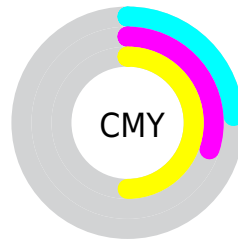


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (30%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8686, 0.3696, 0.3943 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 44.8686, 0.3696, 0.3943 by changing the saturation by 10% instead.

 44.8686, 0.3696,
0.3943


 44.8686, 0.3696,
0.3943


366.2411, 0.3414,
0.3616

 31.3539, 0.3764,
0.4023


 82.5232, 0.3595,
0.3825

 20.8685, 0.3851,
0.4125

 107.4319, 0.3556,
0.3780

 13.0279, 0.3962,
0.4257


 136.9075, 0.3523,
0.3743

 7.4478, 0.4108,
0.4433

171.3342, 0.3495,
0.3710

 3.7437, 0.4306,
0.4677

211.0965, 0.3471,
0.3682

 1.5312, 0.4766,
0.5234

256.5789, 0.3449,

 0.3106, 0.4480,

0.3658

0.5520

308.1656, 0.3431,
0.3636

0.0000, 0.0000,
0.0000

44.8686, 0.3696,
0.3943

44.8686, 0.3696,
0.3943

42.5732, 0.3881,
0.4132

47.3296, 0.3516,
0.3747

40.4309, 0.4065,
0.4306

49.9557, 0.3346,
0.3552

38.4371, 0.4242,
0.4454


52.7544, 0.3187,
0.3363


36.5842, 0.4402,
0.4566


55.7307, 0.3042,
0.3184


34.8636, 0.4538,
0.4634

58.8896, 0.2909,
0.3015

 33.2650, 0.4644,
0.4655

 62.2355, 0.2790,
0.2859

 32.3540, 0.4699,
0.4651

 65.1945, 0.2732,
0.2803

 67.5563, 0.2737,
0.2856

 69.9866, 0.2741,
0.2909

Harmonies

Analogous

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



44.8686, 0.3892, 0.3724



44.8686, 0.3696, 0.3943



44.8686, 0.3352, 0.3988

Triad

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



44.8686, 0.3696, 0.3943



44.8686, 0.2435, 0.3087



44.8686, 0.3260, 0.2840

Complementary

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



44.8686, 0.3696, 0.3943



28.4143, 0.2553, 0.2537

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.



44.8686, 0.2869, 0.2682



44.8686, 0.3696, 0.3943



44.8686, 0.2413, 0.2800

Square

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



44.8686, 0.3696, 0.3943



44.8686, 0.2630, 0.3465



44.8686, 0.2566, 0.2662



44.8686, 0.3635, 0.3102

Rectangle

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



44.8686, 0.3696, 0.3943



44.8686, 0.3090, 0.3894



44.8686, 0.2566, 0.2662



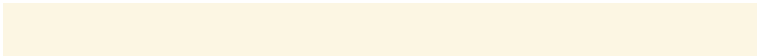
44.8686, 0.3125, 0.2774

Sweetspot

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



44.8707, 0.3696, 0.3943



92.4596, 0.3283, 0.3479



28.9325, 0.3715, 0.3069



20.0903, 0.3306, 0.3506



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.



44.8707, 0.3696, 0.3943



78.1197, 0.3837, 0.4089



49.5287, 0.3488, 0.4171



11.3323, 0.3271, 0.3464



21.4135, 0.4690, 0.4658



1.0269, 0.4558, 0.4763

Inverse Universe

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



28.4143, 0.2553, 0.2537



43.7013, 0.2410, 0.2332



25.3065, 0.2671, 0.2328



10.1346, 0.2983, 0.3110



4.0013, 0.1580, 0.0888



0.2846, 0.1704, 0.1334

Previews

White Background



This preview shows how the Yxy color 44.8686, 0.3696, 0.3943 looks on a white background.

Color Contrast Check

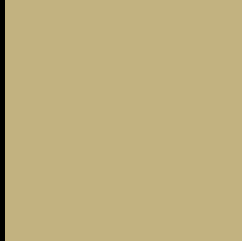
Large Text (above 18pt) WCAG AA × Fail

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 44.8686, 0.3696, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

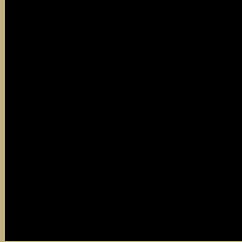
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

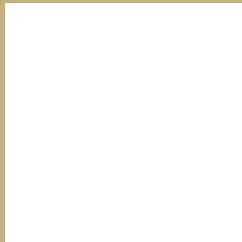
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8686, 0.3696, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 44.8686, 0.3696, 0.3943.



This preview shows how white text looks on a background with the Yxy color 44.8686, 0.3696, 0.3943.

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

44.8686, 0.3696, 0.3943

Protanopia

45.0052, 0.3673, 0.3959

Deuteranopia

44.7078, 0.3892, 0.3809



Tritanopia

44.8659, 0.3279, 0.3128

Trichromacy



Original Color

44.8686, 0.3696, 0.3943

Protanomaly

45.1362, 0.3683, 0.3957

Deuteranomaly

44.8362, 0.3810, 0.3859

Tritanomaly

44.9582, 0.3431, 0.3419

Monochromacy



Original Color

44.8686, 0.3696, 0.3943

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0148, 0.3330, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8686, 0.3696, 0.3943 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(194, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 128)  
}
```

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(194, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 128) }
```

Border

The CSS property to change the border of an element to Yxy 44.8686, 0.3696, 0.3943 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(194, 178, 128) }
```

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

```
.border{ border-color:rgb(194, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8686, 0.3696, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 128) }
```

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

```
.background{ background-color: rgb(194,  
178, 128) }
```

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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