

Converting Colors

$Yxy(82.2795, 0.3383, 0.3808)$

Have a look what the booklet for
Yxy(82.2795, 0.3383, 0.3808)
contains.

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Color

Yxy(82.4396, 0.3380, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	E7EFBE
RGB	231, 239, 190
RGB Percent	91%, 94%, 75%
CMY	0.0941, 0.0627, 0.2550
CMYK	0.03, 0.00, 0.21, 0.06
HSL	70°, 61%, 84%
HSV	70°, 21%, 94%
XYZ	73.1162, 82.4396, 60.7643
YIQ	231.0220, 10.9610, -16.9350

Conversions

Conversions Part 2

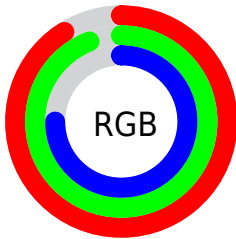
Format	Color
RYB	190, 239, 198
Decimal	15200190
CIELab	92.77, -10.69, 22.87
CIELCh	93, 25.247, 115.059
Yxy	82.4396, 0.3380, 0.3811
Android (android.graphics.Color)	4293390270 (0xFFE7EFBE)
YUV	231.0220, -20.2238, -0.0193
Hunter-Lab	90.7963, -15.1514, 23.8782

Details

The Yxy color **82.4396, 0.3380, 0.3811** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.0560, 0.2841, 0.2731**, and the grayscale version is **80.0777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **44.7585, 0.3435, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **80.8409, 0.3502, 0.4075**, and if you desaturate by 10%, it is **84.2314, 0.3256, 0.3551**.

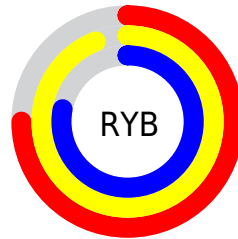
Distribution



Red (91%)

Green (94%)

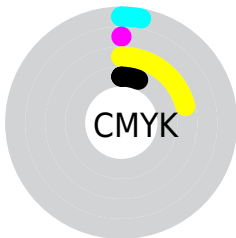
Blue (75%)



Red (75%)

Yellow (94%)

Blue (78%)

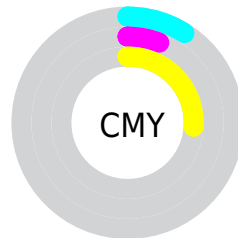


Cyan (3%)

Magenta (0%)

Yellow (21%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4396, 0.3380, 0.3811 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 82.4396, 0.3380, 0.3811 by changing the saturation by 10% instead.

82.4396, 0.3380,
0.3811

82.4396, 0.3380,
0.3811

503.1169, 0.3269,
0.3571

61.7280, 0.3404,
0.3865

136.7903, 0.3342,
0.3728

44.8129, 0.3433,
0.3932

171.1981, 0.3328,
0.3696

31.3101, 0.3468,
0.4017

210.9402, 0.3315,
0.3668

20.8351, 0.3512,
0.4126

256.4008, 0.3303,
0.3643

13.0035, 0.3568,
0.4272

307.9644, 0.3293,
0.3622

7.4310, 0.3640,
0.4479

366.0153, 0.3284,

3.7331, 0.3730,

0.3603

0.4786

430.9381, 0.3276,
0.3586

■ 1.5254, 0.4203,
0.5797

■ 0.3065, 0.0899,
0.9101

■ 82.4396, 0.3380,
0.3811

■ 82.4396, 0.3380,
0.3811

■ 80.8409, 0.3502,
0.4075

■ 84.2314, 0.3256,
0.3551

■ 79.4159, 0.3617,
0.4335


■ 86.2133, 0.3133,
0.3302

■ 78.1592, 0.3720,
0.4582


■ 87.9580, 0.3055,
0.3132


■ 77.0607, 0.3805,
0.4803


■ 88.6579, 0.3080,
0.3134


 76.1093, 0.3867,
0.4989


 89.3726, 0.3105,
0.3135

 75.2921, 0.3904,
0.5131

 90.1023, 0.3130,
0.3136

 74.5940, 0.3914,
0.5228

 90.2158, 0.3134,
0.3136

 74.0177, 0.3903,
0.5283

Harmonies

Analogous

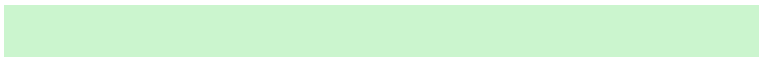
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4396, 0.3609, 0.3744



82.4396, 0.3380, 0.3811



82.4396, 0.3090, 0.3723

Triad

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



82.4396, 0.3380, 0.3811



82.4396, 0.2578, 0.2980



82.4396, 0.3433, 0.3087

Complementary

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



82.4396, 0.3380, 0.3811



55.0560, 0.2841, 0.2731

Split Complementary

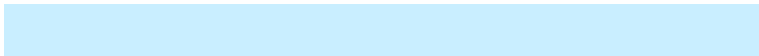
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4396, 0.3143, 0.2905



82.4396, 0.3380, 0.3811



82.4396, 0.2659, 0.2836

Square

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



82.4396, 0.3380, 0.3811



82.4396, 0.2636, 0.3222



82.4396, 0.2861, 0.2813



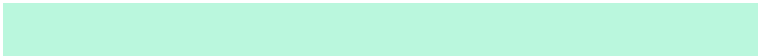
82.4396, 0.3643, 0.3323

Rectangle

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



82.4396, 0.3380, 0.3811



82.4396, 0.2903, 0.3585



82.4396, 0.2861, 0.2813



82.4396, 0.3341, 0.3019

Sweetspot

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



82.4432, 0.3380, 0.3811



98.5832, 0.3200, 0.3438



62.1548, 0.3522, 0.3371



21.0689, 0.3208, 0.3454



0.0000, 0.0000, 0.0000



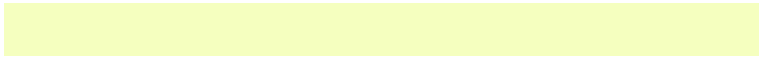
21.4041, 0.3127, 0.3290

Same Dimension

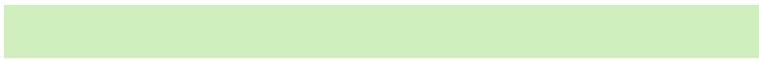
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4432, 0.3380, 0.3811



94.6334, 0.3436, 0.3932



78.7387, 0.3215, 0.3839



18.3209, 0.3243, 0.3525



40.9509, 0.3908, 0.5279



3.4412, 0.3948, 0.5247

Inverse Universe

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



55.0560, 0.2841, 0.2731



57.0984, 0.2766, 0.2589



58.5584, 0.3019, 0.2759



15.3526, 0.3005, 0.3048



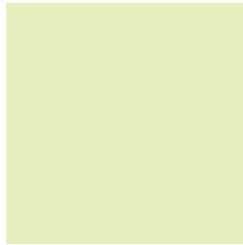
3.7192, 0.1570, 0.0639



0.3456, 0.1677, 0.0698

Previews

White Background



This preview shows how the Yxy color 82.4396, 0.3380, 0.3811 looks on a white background.

Color Contrast Check

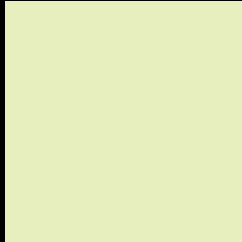
Large Text (above 18pt) WCAG AA × Fail

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 82.4396, 0.3380, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

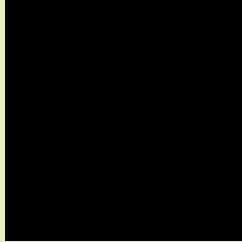
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

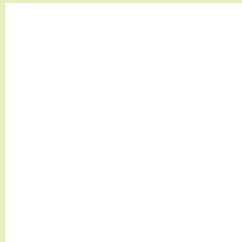
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4396, 0.3380, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 82.4396, 0.3380, 0.3811.

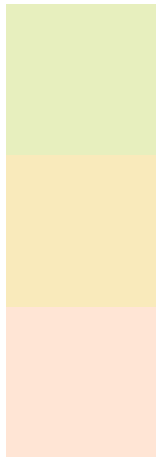


This preview shows how white text looks on a background with the Yxy color 82.4396, 0.3380, 0.3811.

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

82.4396, 0.3380, 0.3811

Protanopia

82.5732, 0.3539, 0.3772

Deuteranopia

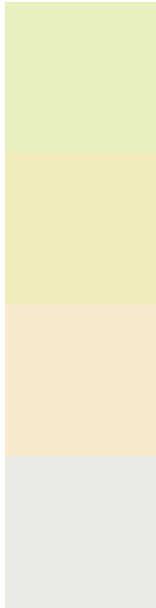
82.1027, 0.3416, 0.3451



Tritanopia

82.3421, 0.3069, 0.3109

Trichromacy



Original Color

82.4396, 0.3380, 0.3811

Protanomaly

82.4990, 0.3477, 0.3790

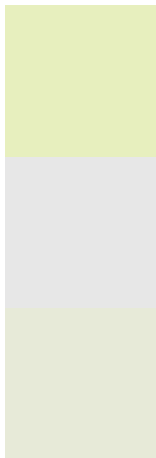
Deuteranomaly

82.2784, 0.3399, 0.3578

Tritanomaly

82.2799, 0.3178, 0.3352

Monochromacy



Original Color

82.4396, 0.3380, 0.3811

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.7924, 0.3220, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4396, 0.3380, 0.3811 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(231, 239, 190)` looks like.

```
.text, #text, p{  
    color:rgb(231, 239, 190)  
}
```

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(231, 239, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 239, 190) }
```

Border

The CSS property to change the border of an element to Yxy 82.4396, 0.3380, 0.3811 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(231, 239, 190) }
```

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

```
.border{ border-color:rgb(231, 239, 190) }
```

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

Here you see how a box with a 4 pixel rgb(231, 239, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 239, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 239, 190);  
box-shadow:4px 4px 4px 4px rgb(231, 239,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4396, 0.3380, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 239, 190) }
```

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

```
.background{ background-color: rgb(231,  
239, 190) }
```

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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