

Converting Colors

$Yxy(82.6823, 0.3306, 0.3749)$

Have a look what the booklet for
Yxy(82.6823, 0.3306, 0.3749)
contains.

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Color

Yxy(82.6823, 0.3306, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0C5
RGB	227, 240, 197
RGB Percent	89%, 94%, 77%
CMY	0.1099, 0.0588, 0.2274
CMYK	0.05, 0.00, 0.18, 0.06
HSL	78°, 59%, 86%
HSV	78°, 18%, 94%
XYZ	72.9122, 82.6823, 64.9505
YIQ	231.2110, 6.0550, -16.1290

Conversions

Conversions Part 2

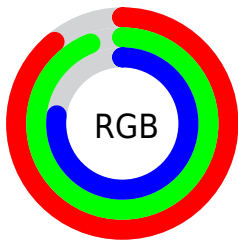
Format	Color
RYB	197, 240, 210
Decimal	14938309
CIELab	92.88, -11.58, 19.36
CIELCh	93, 22.556, 120.889
Yxy	82.6823, 0.3306, 0.3749
Android (android.graphics.Color)	4293128389 (0xFFE3F0C5)
YUV	231.2110, -16.8660, -3.6930
Hunter-Lab	90.9298, -15.9968, 21.3005

Details

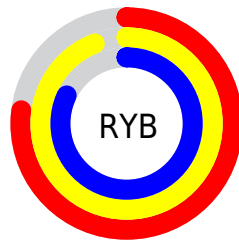
The Yxy color **82.6823, 0.3306, 0.3749** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.9435, 0.2925, 0.2815**, and the grayscale version is **80.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **44.9221, 0.3341, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **80.5132, 0.3404, 0.4023**, and if you desaturate by 10%, it is **85.0839, 0.3206, 0.3487**.

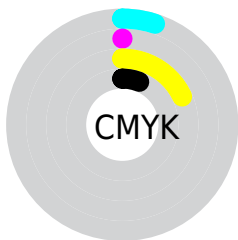
Distribution



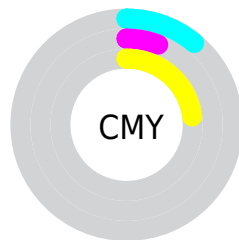
- Red (89%)
- Green (94%)
- Blue (77%)



- Red (77%)
- Yellow (94%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6823, 0.3306, 0.3749 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 82.6823, 0.3306, 0.3749 by changing the saturation by 10% instead.

82.6823, 0.3306,
0.3749

82.6823, 0.3306,
0.3749

503.9271, 0.3228,
0.3537

61.9281, 0.3323,
0.3797

137.1304, 0.3280,
0.3676

44.9746, 0.3343,
0.3857

171.5931, 0.3269,
0.3647

31.4374, 0.3368,
0.3932

211.3941, 0.3260,
0.3622

20.9322, 0.3399,
0.4029

256.9177, 0.3252,
0.3601

13.0744, 0.3438,
0.4161

308.5485, 0.3245,
0.3582

7.4798, 0.3488,
0.4348

366.6707, 0.3238,

3.7639, 0.3552,

0.3565

0.4633

431.6688, 0.3233,
0.3551

■ 1.5424, 0.3858,
0.5441

■ 0.3183, 0.0587,
0.9413

■ 82.6823, 0.3306,
0.3749

■ 82.6823, 0.3306,
0.3749

■ 80.5132, 0.3404,
0.4023

■ 85.0839, 0.3206,
0.3487

■ 78.5568, 0.3496,
0.4301

■ 87.7154, 0.3107,
0.3240

■ 76.8071, 0.3577,
0.4573

■ 89.6518, 0.3094,
0.3144

■ 75.2538, 0.3642,
0.4828

■ 90.8070, 0.3134,
0.3146

■ 73.8854, 0.3685,
0.5053

■ 72.6889, 0.3704,
0.5237

■ 71.6490, 0.3697,
0.5373

■ 70.7452, 0.3667,
0.5461

■ 70.5674, 0.3659,
0.5477

Harmonies

Analogous

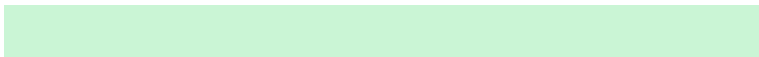
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6823, 0.3525, 0.3717



82.6823, 0.3306, 0.3749



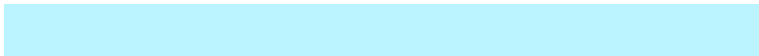
82.6823, 0.3045, 0.3644

Triad

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



82.6823, 0.3306, 0.3749



82.6823, 0.2639, 0.2981



82.6823, 0.3444, 0.3148

Complementary

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



82.6823, 0.3306, 0.3749



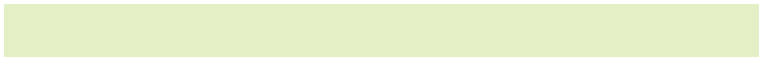
59.9435, 0.2925, 0.2815

Split Complementary

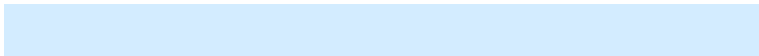
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6823, 0.3194, 0.2970



82.6823, 0.3306, 0.3749



82.6823, 0.2735, 0.2871

Square

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



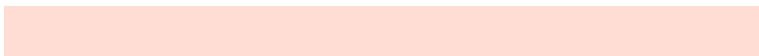
82.6823, 0.3306, 0.3749



82.6823, 0.2667, 0.3184



82.6823, 0.2935, 0.2870



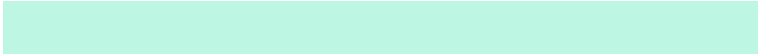
82.6823, 0.3610, 0.3364

Rectangle

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



82.6823, 0.3306, 0.3749



82.6823, 0.2883, 0.3510



82.6823, 0.2935, 0.2870



82.6823, 0.3367, 0.3082

Sweetspot

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



82.6859, 0.3306, 0.3749



98.4799, 0.3177, 0.3413



68.6119, 0.3451, 0.3429



21.0342, 0.3184, 0.3431



0.0000, 0.0000, 0.0000



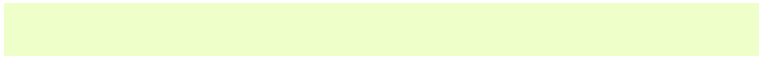
21.4041, 0.3127, 0.3290

Same Dimension

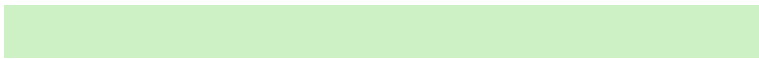
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6859, 0.3306, 0.3749



94.0674, 0.3337, 0.3835



79.4264, 0.3161, 0.3770



18.2045, 0.3221, 0.3527



38.6983, 0.3668, 0.5470



3.2711, 0.3739, 0.5414

Inverse Universe

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



59.9435, 0.2925, 0.2815



64.0609, 0.2884, 0.2722



63.2913, 0.3083, 0.2837



15.4611, 0.3027, 0.3049



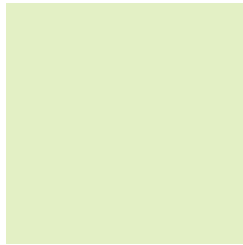
4.2754, 0.1706, 0.0714



0.4058, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 82.6823, 0.3306, 0.3749 looks on a white background.

Color Contrast Check

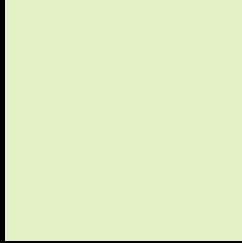
Large Text (above 18pt) WCAG AA × Fail

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 82.6823, 0.3306, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

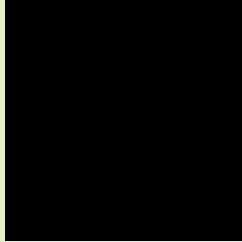
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

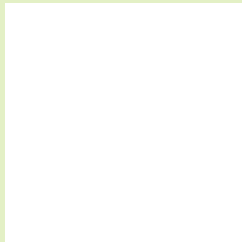
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6823, 0.3306, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 82.6823, 0.3306, 0.3749.

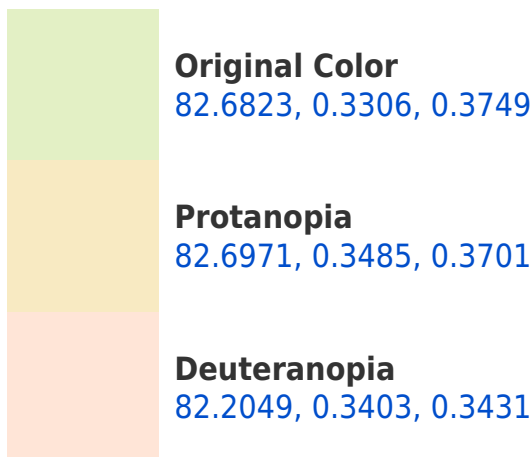


This preview shows how white text looks on a background with the Yxy color 82.6823, 0.3306, 0.3749.

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

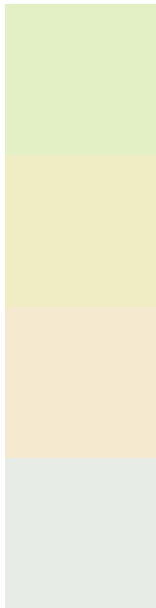




Tritanopia

82.9050, 0.3030, 0.3108

Trichromacy



Original Color

82.6823, 0.3306, 0.3749

Protanomaly

82.4563, 0.3417, 0.3718

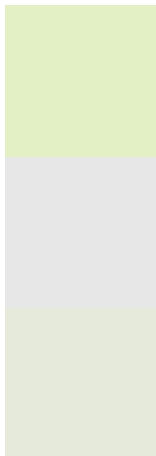
Deuteranomaly

82.2444, 0.3372, 0.3547

Tritanomaly

82.9162, 0.3131, 0.3342

Monochromacy



Original Color

82.6823, 0.3306, 0.3749

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.7831, 0.3194, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6823, 0.3306, 0.3749 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(227, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 197)  
}
```

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(227, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 197) }
```

Border

The CSS property to change the border of an element to Yxy 82.6823, 0.3306, 0.3749 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(227, 240, 197) }
```

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

```
.border{ border-color:rgb(227, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6823, 0.3306, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 197) }
```

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

```
.background{ background-color: rgb(227,  
240, 197) }
```

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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