

Converting Colors

Yxy(82.6974, 0.3182, 0.3436)

Have a look what the booklet for
Yxy(82.6974, 0.3182, 0.3436)
contains.

Yxy(83.0519, 0.3181, 0.3436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(83.0519, 0.3181, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDDF
RGB	232, 237, 223
RGB Percent	91%, 93%, 87%
CMY	0.0900, 0.0706, 0.1256
CMYK	0.02, 0.00, 0.06, 0.07
HSL	81°, 28%, 90%
HSV	81°, 6%, 93%
XYZ	76.8883, 83.0519, 81.7708
YIQ	233.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

Format	Color
R _Y B	223, 237, 228
Decimal	15265247
CIE Lab	93.04, -4.10, 6.20
CIE LCh	93, 7.438, 123.493
Yxy	83.0519, 0.3181, 0.3436
Android (android.graphics.Color)	4293455327 (0xFFE8EDDF)
YUV	233.9090, -5.3781, -1.6742
Hunter-Lab	91.1328, -8.8829, 10.5938

Details

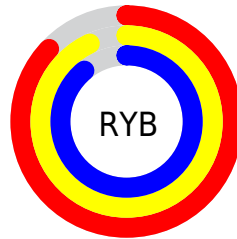
The Yxy color **83.0519, 0.3181, 0.3436** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3589, 0.3071, 0.3143**, and the grayscale version is **82.2525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1050, 0.3188, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **80.4959, 0.3273, 0.3697**, and if you desaturate by 10%, it is **85.8608, 0.3091, 0.3193**.

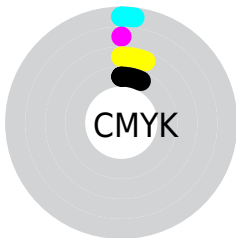
Distribution



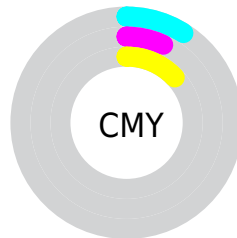
- Red (91%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.0519, 0.3181, 0.3436 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 83.0519, 0.3181, 0.3436 by changing the saturation by 10% instead.

83.0519, 0.3181,
0.3436

83.0519, 0.3181,
0.3436

505.1595, 0.3157,
0.3370

62.2330, 0.3186,
0.3451

137.6481, 0.3173,
0.3413

45.2210, 0.3193,
0.3469

172.1943, 0.3170,
0.3404

31.6315, 0.3201,
0.3492

212.0849, 0.3167,
0.3396

21.0802, 0.3211,
0.3522

257.7044, 0.3164,
0.3390

13.1826, 0.3225,
0.3563

309.4372, 0.3162,
0.3384

7.5544, 0.3244,
0.3620

367.6678, 0.3160,

3.8112, 0.3272,

0.3379

0.3707

432.7804, 0.3158,
0.3374

■ 1.5685, 0.3318,
0.3858

■ 0.3362, 0.3948,
0.6052

■ 83.0519, 0.3181,
0.3436

■ 83.0519, 0.3181,
0.3436

■ 80.4959, 0.3273,
0.3697

■ 85.8608, 0.3091,
0.3193

■ 78.1739, 0.3363,
0.3972

■ 87.8897, 0.3095,
0.3115

■ 76.0805, 0.3447,
0.4255

■ 89.0469, 0.3135,
0.3117

■ 74.2063, 0.3522,
0.4536

■ 72.5409, 0.3581,
0.4804

■ 71.0732, 0.3621,
0.5046

■ 69.7904, 0.3636,
0.5250

■ 68.6778, 0.3627,
0.5406

■ 67.7177, 0.3594,
0.5510

Harmonies

Analogous

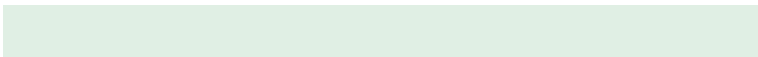
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0519, 0.3254, 0.3433



83.0519, 0.3181, 0.3436



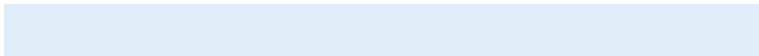
83.0519, 0.3095, 0.3398

Triad

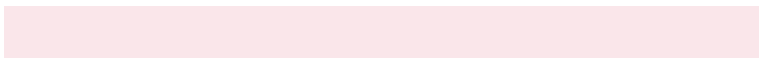
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0519, 0.3181, 0.3436



83.0519, 0.2964, 0.3186



83.0519, 0.3237, 0.3250

Complementary

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



83.0519, 0.3181, 0.3436



75.3589, 0.3071, 0.3143

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.



83.0519, 0.3158, 0.3186



83.0519, 0.3181, 0.3436



83.0519, 0.3001, 0.3148

Square

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



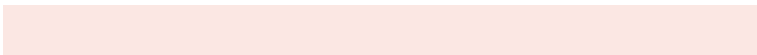
83.0519, 0.3181, 0.3436



83.0519, 0.2970, 0.3252



83.0519, 0.3072, 0.3149



83.0519, 0.3287, 0.3325

Rectangle

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



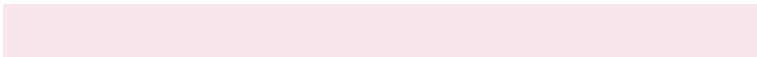
83.0519, 0.3181, 0.3436



83.0519, 0.3041, 0.3355



83.0519, 0.3072, 0.3149



83.0519, 0.3213, 0.3226

Sweetspot

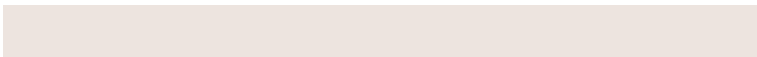
The Sweet Spot groups the original color and five complimentary colors.



83.0555, 0.3181, 0.3436



99.3354, 0.3145, 0.3339



78.7525, 0.3222, 0.3341



21.2689, 0.3144, 0.3336



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.



83.0555, 0.3181, 0.3436



97.7257, 0.3191, 0.3464



81.9132, 0.3134, 0.3438



17.4497, 0.3196, 0.3478



36.8521, 0.3586, 0.5535



2.9473, 0.3670, 0.5468

Inverse Universe

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



75.3589, 0.3071, 0.3143



87.0122, 0.3060, 0.3114



76.5200, 0.3119, 0.3145



15.3936, 0.3055, 0.3100



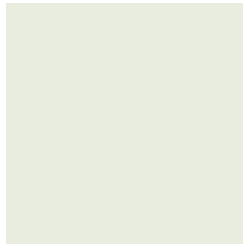
4.4289, 0.1775, 0.0751



0.3999, 0.1928, 0.0836

Previews

White Background



This preview shows how the Yxy color 83.0519, 0.3181, 0.3436 looks on a white background.

Color Contrast Check

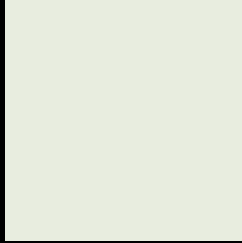
Large Text (above 18pt) WCAG AA × Fail

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 83.0519, 0.3181, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

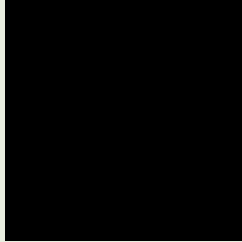
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

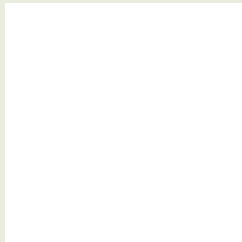
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0519, 0.3181, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 83.0519, 0.3181, 0.3436.

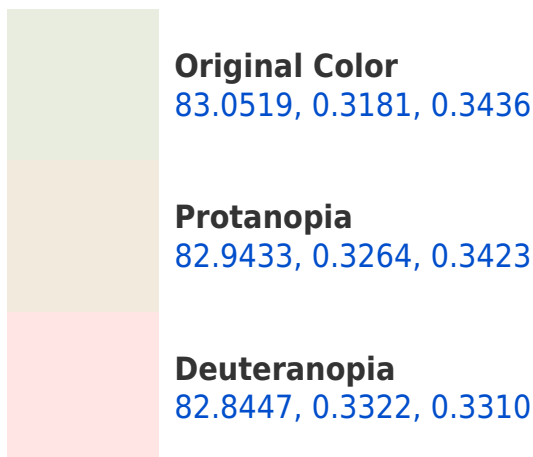


This preview shows how white text looks on a background with the Yxy color 83.0519, 0.3181, 0.3436.

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

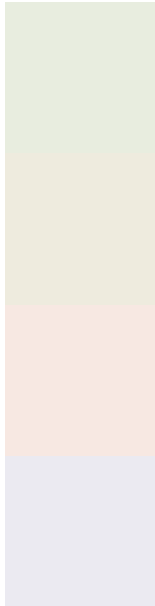




Tritanopia

83.0757, 0.3036, 0.3109

Trichromacy



Original Color

83.0519, 0.3181, 0.3436

Protanomaly

82.8677, 0.3229, 0.3424

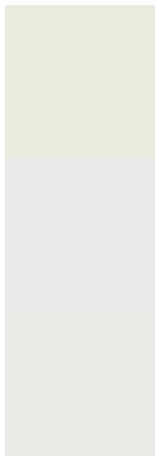
Deuteranomaly

82.9784, 0.3269, 0.3351

Tritanomaly

82.8587, 0.3090, 0.3219

Monochromacy



Original Color

83.0519, 0.3181, 0.3436

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4535, 0.3145, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0519, 0.3181, 0.3436 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(232, 237, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 223)  
}
```

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(232, 237, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 223) }
```

Border

The CSS property to change the border of an element to Yxy 83.0519, 0.3181, 0.3436 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(232, 237, 223) }
```

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

```
.border{ border-color:rgb(232, 237, 223) }
```

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

Here you see how a box with a 4 pixel rgb(232, 237, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0519, 0.3181, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 223) }
```

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

```
.background{ background-color: rgb(232,  
237, 223) }
```

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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