

Converting Colors

$Yxy(90.5452, 0.3182, 0.3438)$

Have a look what the booklet for
Yxy(90.5452, 0.3182, 0.3438)
contains.

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Color

Yxy(90.3818, 0.3185, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	F1F6E7
RGB	241, 246, 231
RGB Percent	95%, 96%, 91%
CMY	0.0548, 0.0353, 0.0942
CMYK	0.02, 0.00, 0.06, 0.04
HSL	80°, 45%, 94%
HSV	80°, 6%, 96%
XYZ	83.6577, 90.3818, 88.6220
YIQ	242.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

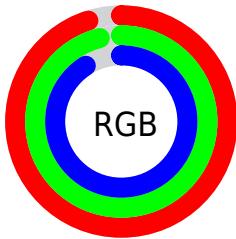
Format	Color
R _Y B	231, 246, 236
Decimal	15857383
CIE Lab	96.15, -4.25, 6.64
CIE LCh	96, 7.882, 122.656
Yxy	90.3818, 0.3185, 0.3441
Android (android.graphics.Color)	4294047463 (0xFFFF1F6E7)
YUV	242.7950, -5.8149, -1.5742
Hunter-Lab	95.0693, -9.2976, 11.2794

Details

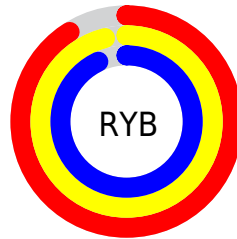
The Yxy color **90.3818, 0.3185, 0.3441** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6215, 0.3067, 0.3138**, and the grayscale version is **89.5059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2363, 0.3201, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **87.6881, 0.3281, 0.3702**, and if you desaturate by 10%, it is **93.3055, 0.3094, 0.3203**.

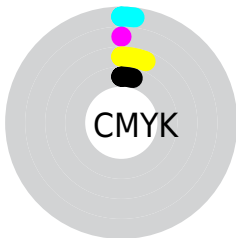
Distribution



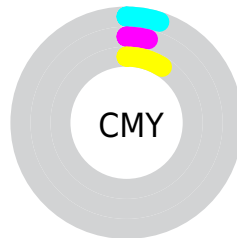
- Red (95%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.3818, 0.3185, 0.3441 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 90.3818, 0.3185, 0.3441 by changing the saturation by 10% instead.


 90.3818, 0.3185,
0.3441

 90.3818, 0.3185,
0.3441

529.2720, 0.3160,
0.3373

 68.2974, 0.3191,
0.3456

147.8686, 0.3176,
0.3418

 50.1397, 0.3197,
0.3474


184.0398, 0.3173,
0.3409

 35.5244, 0.3206,
0.3497


225.6753, 0.3170,
0.3401

 24.0671, 0.3216,
0.3526

273.1596, 0.3167,
0.3394

 15.3834, 0.3230,
0.3565

326.8770, 0.3165,
0.3388

 9.0889, 0.3249,
0.3620

387.2119, 0.3163,

 4.7992, 0.3276,

0.3383

0.3701

454.5488, 0.3161,
0.3378

■ 2.1299, 0.3319,
0.3834

■ 0.6814, 0.3618,
0.4533

■ 90.3818, 0.3185,
0.3441

■ 90.3818, 0.3185,
0.3441

■ 87.6881, 0.3281,
0.3702

■ 93.3055, 0.3094,
0.3203

■ 85.2412, 0.3375,
0.3977

■ 94.3929, 0.3131,
0.3204

■ 83.0355, 0.3463,
0.4258

■ 81.0608, 0.3541,
0.4536

■ 79.3060, 0.3604,
0.4801

■ 77.7589, 0.3647,
0.5038

■ 76.4058, 0.3665,
0.5236

■ 75.2308, 0.3658,
0.5386

■ 74.2143, 0.3627,
0.5485

Harmonies

Analogous

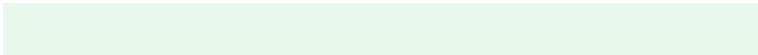
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3818, 0.3259, 0.3437



90.3818, 0.3185, 0.3441



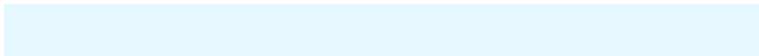
90.3818, 0.3096, 0.3403

Triad

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



90.3818, 0.3185, 0.3441



90.3818, 0.2959, 0.3184



90.3818, 0.3239, 0.3246

Complementary

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



90.3818, 0.3185, 0.3441



81.6215, 0.3067, 0.3138

Split Complementary

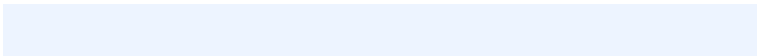
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3818, 0.3157, 0.3181



90.3818, 0.3185, 0.3441



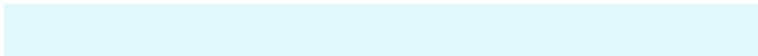
90.3818, 0.2996, 0.3145

Square

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



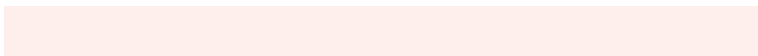
90.3818, 0.3185, 0.3441



90.3818, 0.2966, 0.3253



90.3818, 0.3068, 0.3144



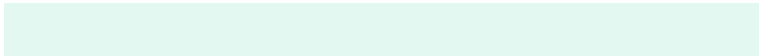
90.3818, 0.3291, 0.3324

Rectangle

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



90.3818, 0.3185, 0.3441



90.3818, 0.3040, 0.3359



90.3818, 0.3068, 0.3144



90.3818, 0.3214, 0.3222

Sweetspot

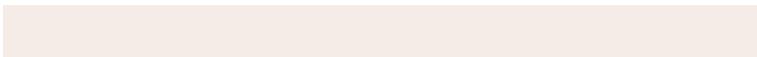
The Sweet Spot groups the original color and five complimentary colors.



90.3857, 0.3185, 0.3441



99.3565, 0.3146, 0.3339



85.2016, 0.3226, 0.3338



21.2731, 0.3145, 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.



90.3857, 0.3185, 0.3441



97.7977, 0.3194, 0.3464



89.1289, 0.3138, 0.3443



19.1337, 0.3199, 0.3479



39.4971, 0.3620, 0.5507



3.5273, 0.3693, 0.5450

Inverse Universe

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



81.6215, 0.3067, 0.3138



86.9424, 0.3057, 0.3114



82.8939, 0.3116, 0.3140



16.8412, 0.3051, 0.3099



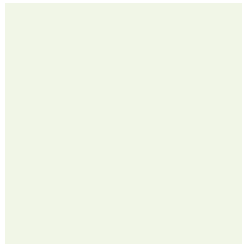
4.5671, 0.1742, 0.0734



0.4552, 0.1877, 0.0808

Previews

White Background



This preview shows how the Yxy color 90.3818, 0.3185, 0.3441 looks on a white background.

Color Contrast Check

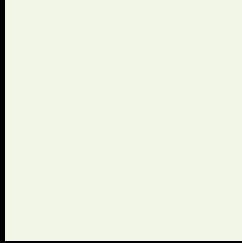
Large Text (above 18pt) WCAG AA × Fail

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 90.3818, 0.3185, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

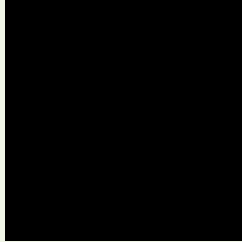
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

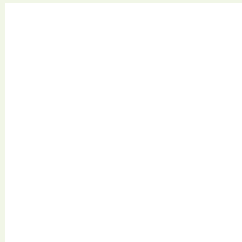
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3818, 0.3185, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 90.3818, 0.3185, 0.3441.

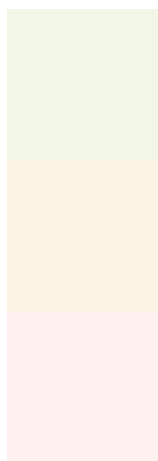


This preview shows how white text looks on a background with the Yxy color 90.3818, 0.3185, 0.3441.

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

90.3818, 0.3185, 0.3441

Protanopia

90.4538, 0.3273, 0.3428

Deuteranopia

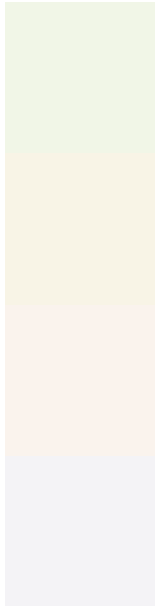
90.4619, 0.3226, 0.3300



Tritanopia

90.1367, 0.3069, 0.3163

Trichromacy



Original Color

90.3818, 0.3185, 0.3441

Protanomaly

90.3710, 0.3239, 0.3429

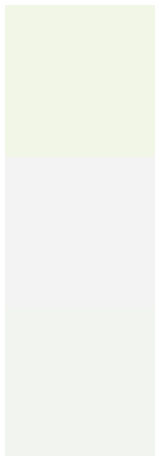
Deuteranomaly

90.5396, 0.3210, 0.3349

Tritanomaly

89.9881, 0.3116, 0.3260

Monochromacy



Original Color

90.3818, 0.3185, 0.3441

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8106, 0.3144, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3818, 0.3185, 0.3441 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(241, 246, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 231)  
}
```

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(241, 246, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 231) }
```

Border

The CSS property to change the border of an element to Yxy 90.3818, 0.3185, 0.3441 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(241, 246, 231) }
```

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

```
.border{ border-color:rgb(241, 246, 231) }
```

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

Here you see how a box with a 4 pixel rgb(241, 246, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3818, 0.3185, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 231) }
```

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

```
.background{ background-color: rgb(241,  
246, 231) }
```

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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