

Converting Colors

Yxy(91.4472, 0.3144, 0.3418)

Have a look what the booklet for
Yxy(91.4472, 0.3144, 0.3418)
contains.

Yxy(91.4837, 0.3147, 0.3420)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.4837, 0.3147, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8EB
RGB	239, 248, 235
RGB Percent	94%, 97%, 92%
CMY	0.0624, 0.0275, 0.0784
CMYK	0.04, 0.00, 0.05, 0.03
HSL	101°, 48%, 95%
HSV	101°, 5%, 97%
XYZ	84.1811, 91.4837, 91.8314
YIQ	243.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

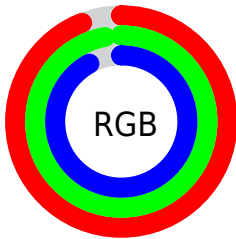
Format	Color
R _Y B	235, 248, 244
Decimal	15726827
CIE Lab	96.61, -5.21, 5.19
CIE LCh	97, 7.357, 135.117
Yxy	91.4837, 0.3147, 0.3420
Android (android.graphics.Color)	4293916907 (0xFFEFF8EB)
YUV	243.8270, -4.3517, -4.2333
Hunter-Lab	95.6471, -10.2808, 10.0282

Details

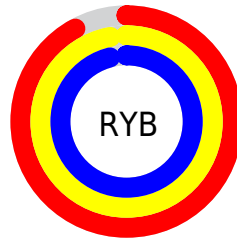
The Yxy color **91.4837, 0.3147, 0.3420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.4226, 0.3106, 0.3161**, and the grayscale version is **90.3698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0212, 0.3152, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **87.3255, 0.3184, 0.3689**, and if you desaturate by 10%, it is **95.6037, 0.3130, 0.3223**.

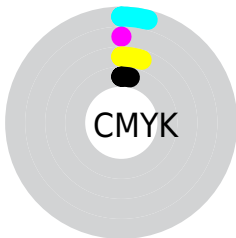
Distribution



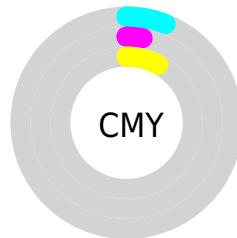
- Red (94%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)




- Cyan (6%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4837, 0.3147, 0.3420 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 91.4837, 0.3147, 0.3420 by changing the saturation by 10% instead.


 91.4837, 0.3147,
0.3420

 91.4837, 0.3147,
0.3420


532.8455, 0.3138,
0.3362

 69.2119, 0.3149,
0.3433

149.3976, 0.3144,
0.3400

 50.8843, 0.3151,
0.3449

185.8085, 0.3143,
0.3392

 36.1165, 0.3154,
0.3468


227.7012, 0.3142,
0.3386

 24.5242, 0.3157,
0.3493

275.4601, 0.3141,
0.3380

 15.7229, 0.3161,
0.3527

329.4696, 0.3140,
0.3374

 9.3283, 0.3167,
0.3573

390.1140, 0.3140,

 4.9559, 0.3175,

0.3370

0.3642

457.7779, 0.3139,
0.3366

■ 2.2214, 0.3187,
0.3755

■ 0.7316, 0.3278,
0.4221

■ 91.4837, 0.3147,
0.3420

■ 91.4837, 0.3147,
0.3420

■ 87.3255, 0.3184,
0.3689

■ 95.6037, 0.3130,
0.3223

■ 83.6266, 0.3218,
0.3984

■ 80.3741, 0.3247,
0.4300

■ 77.5501, 0.3268,
0.4626

■ 75.1356, 0.3277,
0.4949

■ 73.1096, 0.3272,
0.5251

■ 71.4495, 0.3251,
0.5511

■ 70.1295, 0.3215,
0.5712

■ 69.1196, 0.3166,
0.5844

Harmonies

Analogous

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



91.4837, 0.3224, 0.3433



91.4837, 0.3147, 0.3420



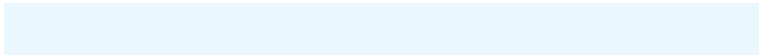
91.4837, 0.3065, 0.3371

Triad

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



91.4837, 0.3147, 0.3420



91.4837, 0.2980, 0.3172



91.4837, 0.3255, 0.3279

Complementary

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



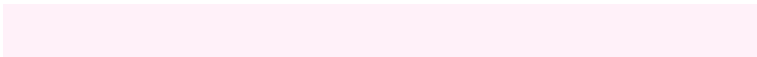
91.4837, 0.3147, 0.3420



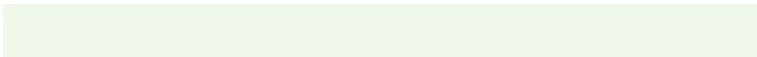
85.4226, 0.3106, 0.3161

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.



91.4837, 0.3189, 0.3212



91.4837, 0.3147, 0.3420



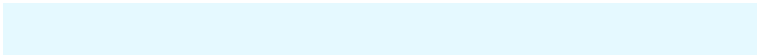
91.4837, 0.3030, 0.3150

Square

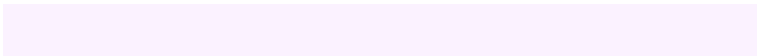
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



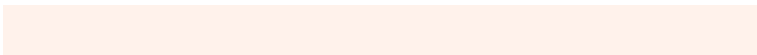
91.4837, 0.3147, 0.3420



91.4837, 0.2969, 0.3227



91.4837, 0.3106, 0.3165



91.4837, 0.3288, 0.3350

Rectangle

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



91.4837, 0.3147, 0.3420



91.4837, 0.3019, 0.3324



91.4837, 0.3106, 0.3165



91.4837, 0.3236, 0.3255

Sweetspot

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



91.4876, 0.3147, 0.3420



99.0177, 0.3135, 0.3339



90.5798, 0.3208, 0.3378



21.2042, 0.3134, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

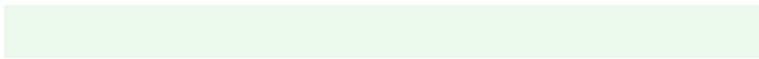
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4876, 0.3147, 0.3420



97.1149, 0.3150, 0.3440



90.9267, 0.3107, 0.3397



19.8382, 0.3152, 0.3457



37.1996, 0.3152, 0.5879



3.4991, 0.3240, 0.5810

Inverse Universe

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



85.4226, 0.3106, 0.3161



89.7259, 0.3103, 0.3142



86.0102, 0.3148, 0.3186



18.1701, 0.3100, 0.3125



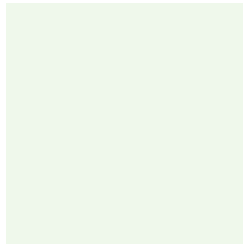
8.3740, 0.2430, 0.1112



0.8319, 0.2525, 0.1164

Previews

White Background



This preview shows how the Yxy color 91.4837, 0.3147, 0.3420 looks on a white background.

Color Contrast Check

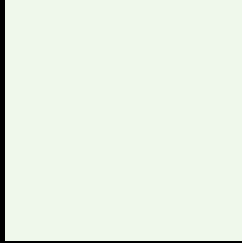
Large Text (above 18pt) WCAG AA × Fail

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 91.4837, 0.3147, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

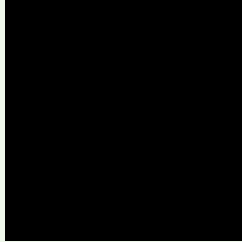
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

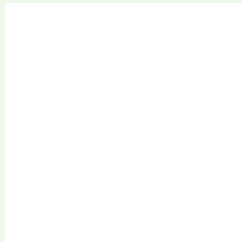
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4837, 0.3147, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 91.4837, 0.3147, 0.3420.

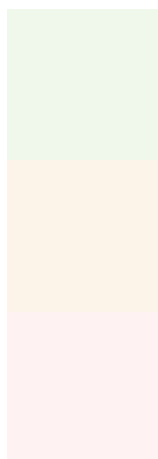


This preview shows how white text looks on a background with the Yxy color 91.4837, 0.3147, 0.3420.

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

91.4837, 0.3147, 0.3420

Protanopia

91.2800, 0.3247, 0.3398

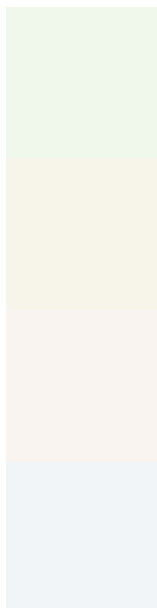
Deuteranopia

91.1751, 0.3212, 0.3290

Tritanopia

91.1545, 0.3062, 0.3182

Trichromacy



Original Color

91.4837, 0.3147, 0.3420

Protanomaly

91.0195, 0.3207, 0.3399

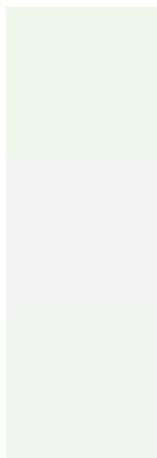
Deuteranomaly

91.0731, 0.3190, 0.3339

Tritanomaly

90.9594, 0.3090, 0.3260

Monochromacy



Original Color

91.4837, 0.3147, 0.3420

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5329, 0.3132, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4837, 0.3147, 0.3420 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(239, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 235)  
}
```

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(239, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 91.4837, 0.3147, 0.3420 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(239, 248, 235) }
```

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

```
.border{ border-color:rgb(239, 248, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4837, 0.3147, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 235) }
```

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

```
.background{ background-color: rgb(239,  
248, 235) }
```

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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