

Converting Colors

Yxy(91.3688, 0.3122, 0.3449)

Have a look what the booklet for
Yxy(91.3688, 0.3122, 0.3449)
contains.

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Color

Yxy(91.1843, 0.3120, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	EAF9EA
RGB	234, 249, 234
RGB Percent	92%, 98%, 92%
CMY	0.0824, 0.0235, 0.0824
CMYK	0.06, 0.00, 0.06, 0.02
HSL	120°, 56%, 95%
HSV	120°, 6%, 98%
XYZ	82.6540, 91.1843, 91.0783
YIQ	242.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

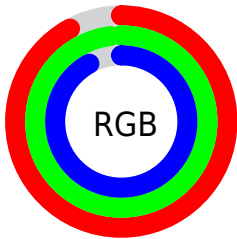
Format	Color
RYB	234, 249, 249
Decimal	15399402
CIELab	96.49, -7.60, 5.50
CIElCh	96, 9.383, 144.134
Yxy	91.1843, 0.3120, 0.3442
Android (android.graphics.Color)	4293589482 (0xFFEAF9EA)
YUV	242.8050, -4.3409, -7.7220
Hunter-Lab	95.4905, -12.6035, 10.2928

Details

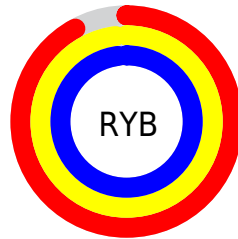
The Yxy color **91.1843, 0.3120, 0.3442** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8199, 0.3134, 0.3143**, and the grayscale version is **89.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8193, 0.3118, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **85.9341, 0.3107, 0.3723**, and if you desaturate by 10%, it is **96.2379, 0.3130, 0.3233**.

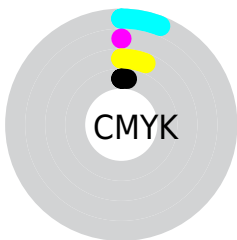
Distribution



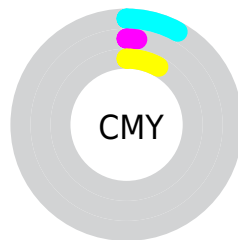
- Red (92%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (98%)



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





- Cyan (8%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1843, 0.3120, 0.3442 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 91.1843, 0.3120, 0.3442 by changing the saturation by 10% instead.


 91.1843, 0.3120,
0.3442

 91.1843, 0.3120,
0.3442


531.8758, 0.3124,
0.3374

 68.9633, 0.3119,
0.3457


148.9824, 0.3121,
0.3419

 50.6818, 0.3118,
0.3476


185.3282, 0.3122,
0.3410

 35.9555, 0.3117,
0.3499


227.1511, 0.3122,
0.3402

 24.3998, 0.3115,
0.3528

274.8356, 0.3123,
0.3395

 15.6305, 0.3112,
0.3568

328.7658, 0.3123,
0.3388

 9.2630, 0.3108,
0.3623

389.3264, 0.3123,

 4.9131, 0.3101,

0.3383

0.3706

456.9016, 0.3123,
0.3378

■ 2.1964, 0.3089,
0.3842

■ 0.7180, 0.3082,
0.4453

■ 91.1843, 0.3120,
0.3442

■ 91.1843, 0.3120,
0.3442

■ 85.9341, 0.3107,
0.3723

■ 96.2379, 0.3130,
0.3233

■ 81.4404, 0.3092,
0.4038

■ 77.6719, 0.3076,
0.4382

■ 74.5907, 0.3059,
0.4743

■ 72.1552, 0.3042,
0.5101

■ 70.3197, 0.3027,
0.5428

■ 69.0321, 0.3014,
0.5696

■ 68.2318, 0.3005,
0.5882

■ 67.8435, 0.3001,
0.5978

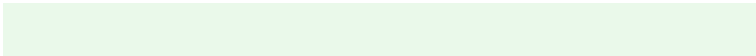
Harmonies

Analogous

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



91.1843, 0.3224, 0.3473



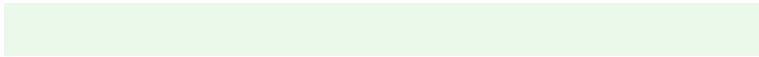
91.1843, 0.3120, 0.3442



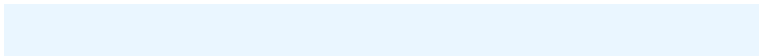
91.1843, 0.3020, 0.3368

Triad

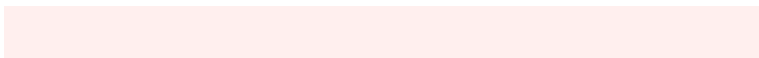
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1843, 0.3120, 0.3442



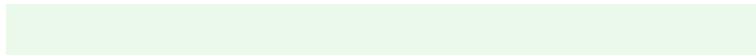
91.1843, 0.2954, 0.3126



91.1843, 0.3309, 0.3303

Complementary

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



91.1843, 0.3120, 0.3442



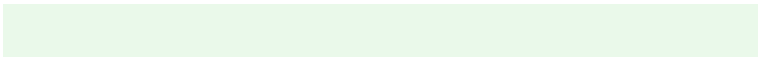
85.8199, 0.3134, 0.3143

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.



91.1843, 0.3235, 0.3214



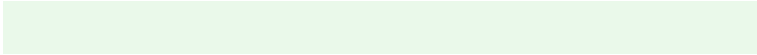
91.1843, 0.3120, 0.3442



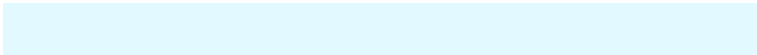
91.1843, 0.3029, 0.3113

Square

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



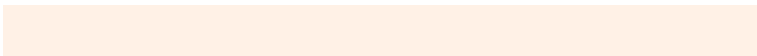
91.1843, 0.3120, 0.3442



91.1843, 0.2925, 0.3184



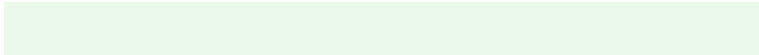
91.1843, 0.3132, 0.3145



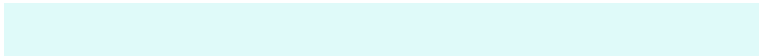
91.1843, 0.3334, 0.3391

Rectangle

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



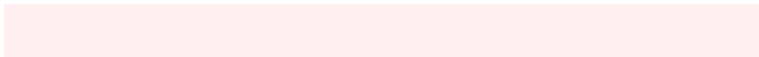
91.1843, 0.3120, 0.3442



91.1843, 0.2968, 0.3305



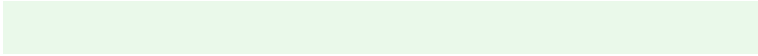
91.1843, 0.3132, 0.3145



91.1843, 0.3289, 0.3273

Sweetspot

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



91.1882, 0.3120, 0.3442



98.7215, 0.3125, 0.3339



93.8394, 0.3217, 0.3438



21.1438, 0.3125, 0.3337



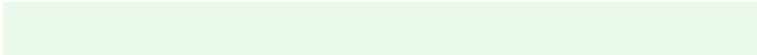
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

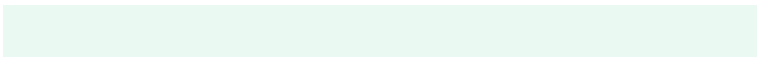
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1882, 0.3120, 0.3442



95.6739, 0.3119, 0.3468



91.6289, 0.3076, 0.3365



19.5331, 0.3118, 0.3484



36.2664, 0.3000, 0.6000



3.3589, 0.3000, 0.5999

Inverse Universe

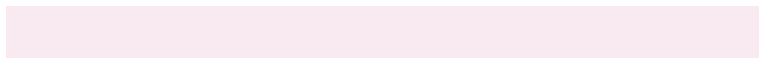
The Inverse Universe completely reimagines the original color for something new.



85.8199, 0.3134, 0.3143



89.1349, 0.3135, 0.3118



85.3607, 0.3181, 0.3216



18.0865, 0.3136, 0.3104



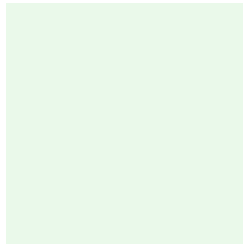
14.4391, 0.3210, 0.1542



1.3373, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 91.1843, 0.3120, 0.3442 looks on a white background.

Color Contrast Check

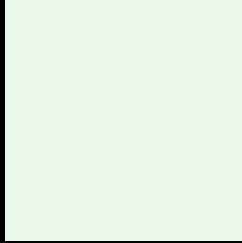
Large Text (above 18pt) WCAG AA × Fail

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 91.1843, 0.3120, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

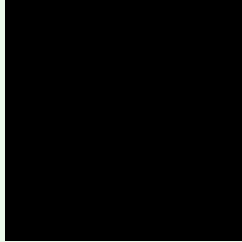
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

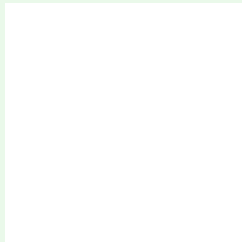
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1843, 0.3120, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 91.1843, 0.3120, 0.3442.

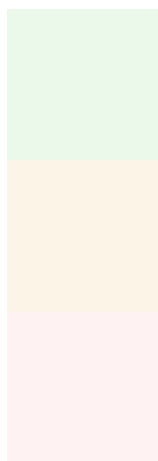


This preview shows how white text looks on a background with the Yxy color 91.1843, 0.3120, 0.3442.

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

91.1843, 0.3120, 0.3442

Protanopia

91.1663, 0.3259, 0.3418

Deuteranopia

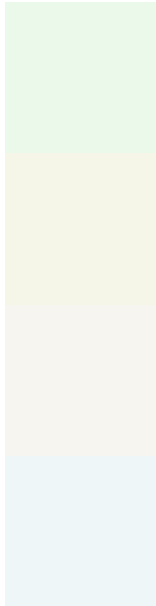
91.1751, 0.3212, 0.3290



Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.1843, 0.3120, 0.3442

Protanomaly

91.1502, 0.3205, 0.3430

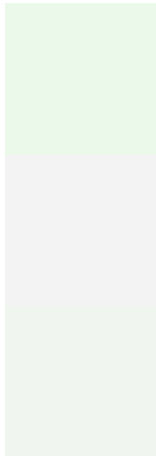
Deuteranomaly

91.3110, 0.3176, 0.3349

Tritanomaly

90.9777, 0.3077, 0.3280

Monochromacy



Original Color

91.1843, 0.3120, 0.3442

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1214, 0.3125, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1843, 0.3120, 0.3442 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(234, 249, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 234)  
}
```

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(234, 249, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 234) }
```

Border

The CSS property to change the border of an element to Yxy 91.1843, 0.3120, 0.3442 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(234, 249, 234) }
```

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

```
.border{ border-color:rgb(234, 249, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1843, 0.3120, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 234) }
```

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

```
.background{ background-color: rgb(234,  
249, 234) }
```

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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