

Converting Colors

$Yxy(91.0552, 0.3094, 0.3452)$

Have a look what the booklet for
Yxy(91.0552, 0.3094, 0.3452)
contains.

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Color

Yxy(91.1347, 0.3094, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	E6FAEA
RGB	230, 250, 234
RGB Percent	90%, 98%, 92%
CMY	0.0982, 0.0195, 0.0823
CMYK	0.08, 0.00, 0.06, 0.02
HSL	132°, 67%, 94%
HSV	132°, 8%, 98%
XYZ	81.6596, 91.1347, 91.1347
YIQ	242.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

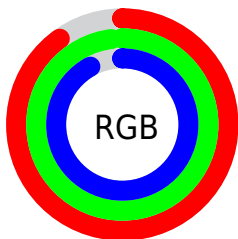
Format	Color
R _Y B	230, 247, 250
Decimal	15137514
CIE Lab	96.47, -9.44, 5.42
CIE LCh	96, 10.885, 150.115
Yxy	91.1347, 0.3094, 0.3453
Android (android.graphics.Color)	4293327594 (0xFFE6FAEA)
YUV	242.1960, -4.0406, -10.6959
Hunter-Lab	95.4645, -14.3752, 10.2242

Details

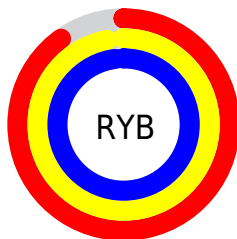
The Yxy color **91.1347, 0.3094, 0.3453** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5469, 0.3162, 0.3132**, and the grayscale version is **88.9903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7966, 0.3085, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **86.2127, 0.3052, 0.3680**, and if you desaturate by 10%, it is **96.7868, 0.3135, 0.3252**.

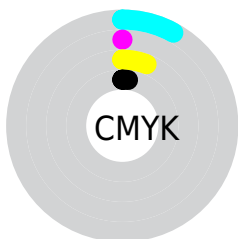
Distribution



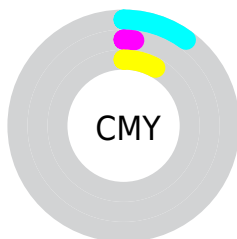
- Red (90%)
- Green (98%)
- Blue (92%)



- Red (90%)
- Yellow (97%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1347, 0.3094, 0.3453 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 91.1347, 0.3094, 0.3453 by changing the saturation by 10% instead.

91.1347, 0.3094,
0.3453

91.1347, 0.3094,
0.3453

531.7151, 0.3109,
0.3380

68.9221, 0.3091,
0.3469

148.9135, 0.3099,
0.3428

50.6483, 0.3086,
0.3489

185.2486, 0.3101,
0.3418

35.9288, 0.3081,
0.3514

227.0600, 0.3103,
0.3410

24.3792, 0.3074,
0.3546

274.7321, 0.3105,
0.3402

15.6152, 0.3065,
0.3589

328.6492, 0.3106,
0.3396

9.2522, 0.3051,
0.3648

389.1958, 0.3107,

4.9061, 0.3031,

0.3390

0.3738

456.7563, 0.3108,
0.3384

■ 2.1923, 0.2996,
0.3887

■ 0.7158, 0.2873,
0.4571

■ 91.1347, 0.3094,
0.3453

■ 91.1347, 0.3094,
0.3453

■ 86.2127, 0.3052,
0.3680

■ 96.7868, 0.3135,
0.3252

■ 81.9796, 0.3012,
0.3935

■ 96.8621, 0.3129,
0.3243

■ 78.4081, 0.2974,
0.4213

■ 75.4641, 0.2942,
0.4510

■ 73.1108, 0.2919,
0.4814

■ 71.3073, 0.2907,
0.5112

■ 70.0075, 0.2908,
0.5385

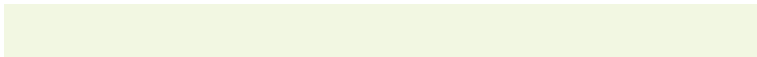
■ 69.1574, 0.2922,
0.5616

■ 68.6848, 0.2946,
0.5792

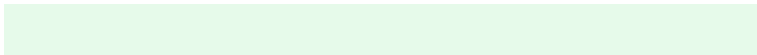
Harmonies

Analogous

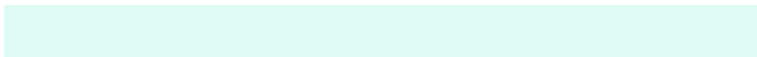
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1347, 0.3216, 0.3501



91.1347, 0.3094, 0.3453



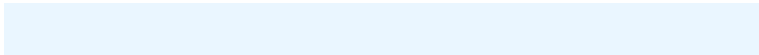
91.1347, 0.2982, 0.3359

Triad

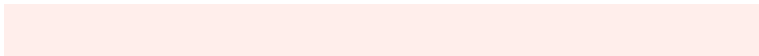
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1347, 0.3094, 0.3453



91.1347, 0.2940, 0.3093



91.1347, 0.3349, 0.3326

Complementary

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



91.1347, 0.3094, 0.3453



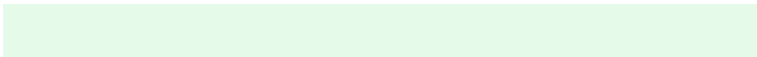
83.5469, 0.3162, 0.3132

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.



91.1347, 0.3273, 0.3221



91.1347, 0.3094, 0.3453



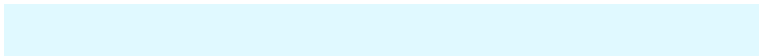
91.1347, 0.3035, 0.3088

Square

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



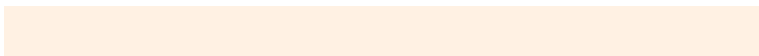
91.1347, 0.3094, 0.3453



91.1347, 0.2895, 0.3150



91.1347, 0.3157, 0.3135



91.1347, 0.3365, 0.3424

Rectangle

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



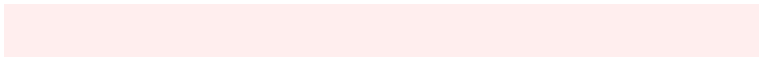
91.1347, 0.3094, 0.3453



91.1347, 0.2928, 0.3284



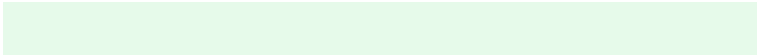
91.1347, 0.3157, 0.3135



91.1347, 0.3330, 0.3291

Sweetspot

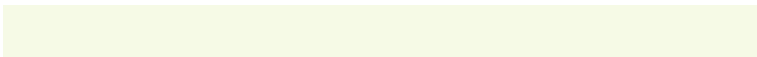
The Sweet Spot groups the original color and five complimentary colors.



91.1386, 0.3094, 0.3453



98.7862, 0.3119, 0.3329



93.6864, 0.3220, 0.3489



21.1570, 0.3119, 0.3327



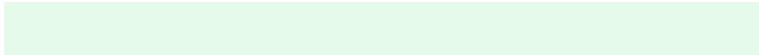
0.0000, 0.0000, 0.0000



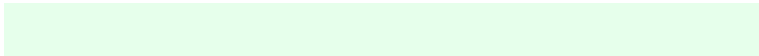
21.4041, 0.3127, 0.3290

Same Dimension

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



91.1386, 0.3094, 0.3453



94.2386, 0.3086, 0.3496



91.7291, 0.3037, 0.3350



19.3666, 0.3088, 0.3485



36.4071, 0.2944, 0.5798



3.3863, 0.2887, 0.5592

Inverse Universe

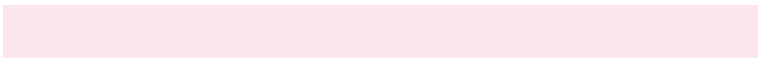
The Inverse Universe completely reimagines the original color for something new.



83.5469, 0.3162, 0.3132



84.4682, 0.3171, 0.3092



82.9500, 0.3227, 0.3230



17.4609, 0.3169, 0.3103



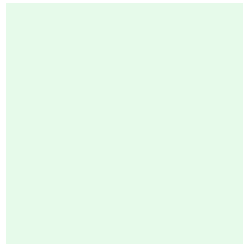
13.0005, 0.3798, 0.1866



1.2188, 0.3714, 0.1820

Previews

White Background



This preview shows how the Yxy color 91.1347, 0.3094, 0.3453 looks on a white background.

Color Contrast Check

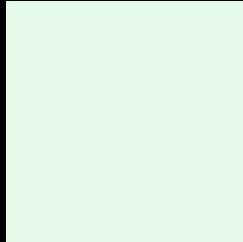
Large Text (above 18pt) WCAG AA × Fail

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 91.1347, 0.3094, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

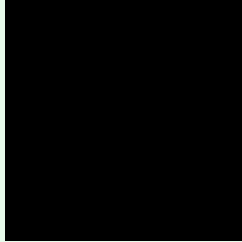
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

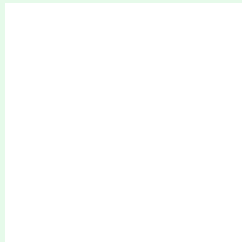
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1347, 0.3094, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 91.1347, 0.3094, 0.3453.

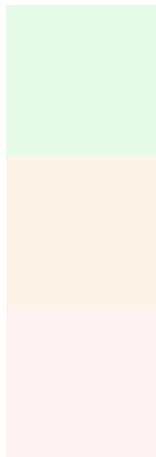


This preview shows how white text looks on a background with the Yxy color 91.1347, 0.3094, 0.3453.

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

91.1347, 0.3094, 0.3453

Protanopia

91.1100, 0.3265, 0.3428

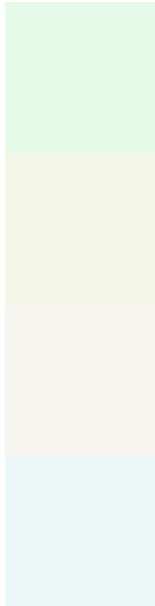
Deuteranopia

91.1751, 0.3212, 0.3290

Tritanopia

91.0501, 0.3037, 0.3191

Trichromacy



Original Color

91.1347, 0.3094, 0.3453

Protanomaly

90.9142, 0.3204, 0.3440

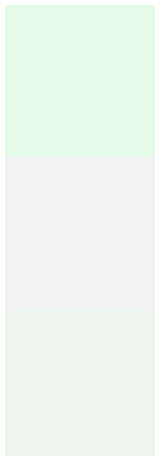
Deuteranomaly

91.1296, 0.3170, 0.3349

Tritanomaly

91.0698, 0.3058, 0.3290

Monochromacy



Original Color

91.1347, 0.3094, 0.3453

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.7140, 0.3118, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1347, 0.3094, 0.3453 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(230, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 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(230, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 234) }
```

Border

The CSS property to change the border of an element to Yxy 91.1347, 0.3094, 0.3453 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(230, 250, 234) }
```

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

```
.border{ border-color:rgb(230, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1347, 0.3094, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 234) }
```

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

```
.background{ background-color: rgb(230,  
250, 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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