

Converting Colors

$Yxy(93.2889, 0.3130, 0.3604)$

Have a look what the booklet for
Yxy(93.2889, 0.3130, 0.3604)
contains.

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Color

Yxy(93.2327, 0.3131, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFE0
RGB	227, 255, 224
RGB Percent	89%, 100%, 88%
CMY	0.1096, 0.0000, 0.1215
CMYK	0.11, 0.00, 0.12, 0.00
HSL	114°, 100%, 94%
HSV	114°, 12%, 100%
XYZ	80.9068, 93.2327, 84.2660
YIQ	243.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

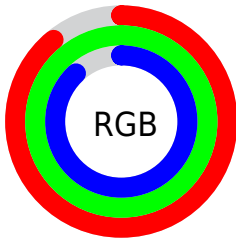
Format	Color
R_{YB}	224, 255, 252
Decimal	14942176
CIE _{Lab}	97.32, -14.59, 11.76
CIE _{LCh}	97, 18.743, 141.140
Yxy	93.2327, 0.3131, 0.3608
Android (android.graphics.Color)	4293132256 (0xFFE3FFE0)
YUV	243.0940, -9.4133, -14.1144
Hunter-Lab	96.5571, -19.4068, 15.8472

Details

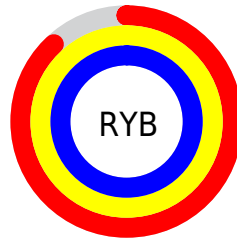
The Yxy color **93.2327, 0.3131, 0.3608** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.2303, 0.3121, 0.2988**, and the grayscale version is **89.7966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9107, 0.3125, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **88.4598, 0.3132, 0.3906**, and if you desaturate by 10%, it is **98.7209, 0.3128, 0.3343**.

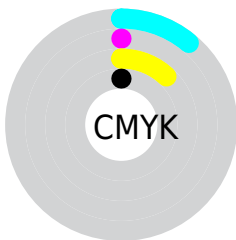
Distribution



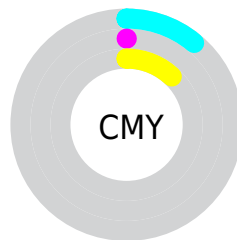
- Red (89%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.2327, 0.3131, 0.3608 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 93.2327, 0.3131, 0.3608 by changing the saturation by 10% instead.


 93.2327, 0.3131,
0.3608

 93.2327, 0.3131,
0.3608


538.4916, 0.3131,
0.3464

 70.6649, 0.3131,
0.3640


151.8207, 0.3131,
0.3559

 52.0688, 0.3130,
0.3679

188.6098, 0.3131,
0.3539

 37.0599, 0.3129,
0.3729


230.9081, 0.3131,
0.3523

 25.2539, 0.3128,
0.3792

279.1000, 0.3131,
0.3508

 16.2663, 0.3125,
0.3877

333.5699, 0.3131,
0.3495

 9.7128, 0.3119,
0.3995

394.7022, 0.3131,

 5.2090, 0.3108,

0.3484

0.4174

462.8813, 0.3131,
0.3473

■ 2.3704, 0.3081,
0.4470

■ 0.8106, 0.3223,
0.6307

■ 93.2327, 0.3131,
0.3608

■ 93.2327, 0.3131,
0.3608

■ 88.4598, 0.3132,
0.3906

■ 98.7209, 0.3128,
0.3343

■ 84.3614, 0.3130,
0.4233

99.9946, 0.3127,
0.3290

■ 80.9105, 0.3124,
0.4581

■ 78.0739, 0.3114,
0.4934

■ 75.8154, 0.3098,
0.5270

■ 74.0949, 0.3079,
0.5562

■ 72.8670, 0.3056,
0.5786

■ 72.0791, 0.3033,
0.5928

■ 71.7205, 0.3018,
0.5986

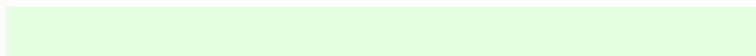
Harmonies

Analogous

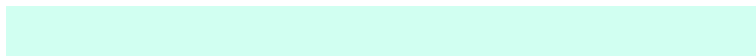
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2327, 0.3335, 0.3658



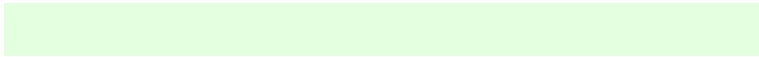
93.2327, 0.3131, 0.3608



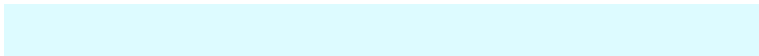
93.2327, 0.2931, 0.3463

Triad

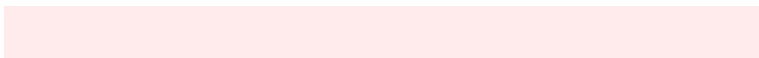
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2327, 0.3131, 0.3608



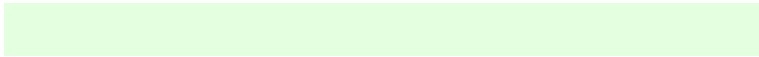
93.2327, 0.2777, 0.2974



93.2327, 0.3479, 0.3294

Complementary

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



93.2327, 0.3131, 0.3608



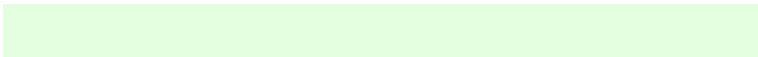
81.2303, 0.3121, 0.2988

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.



93.2327, 0.3320, 0.3124



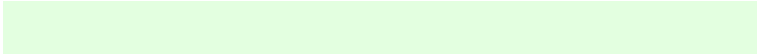
93.2327, 0.3131, 0.3608



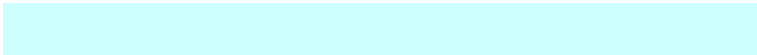
93.2327, 0.2914, 0.2942

Square

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



93.2327, 0.3131, 0.3608



93.2327, 0.2731, 0.3091



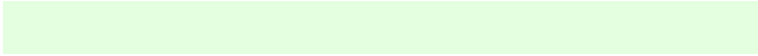
93.2327, 0.3112, 0.2998



93.2327, 0.3540, 0.3468

Rectangle

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



93.2327, 0.3131, 0.3608



93.2327, 0.2826, 0.3336



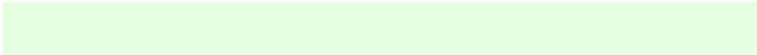
93.2327, 0.3112, 0.2998



93.2327, 0.3435, 0.3235

Sweetspot

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



93.2367, 0.3131, 0.3608



97.6567, 0.3129, 0.3389



96.1958, 0.3313, 0.3562



20.8110, 0.3129, 0.3409



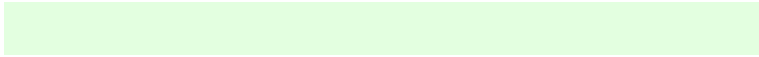
0.0000, 0.0000, 0.0000



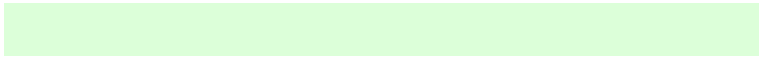
21.4041, 0.3127, 0.3290

Same Dimension

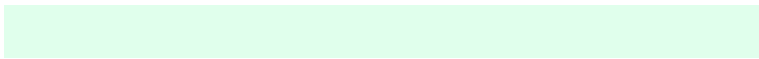
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2367, 0.3131, 0.3608



91.8093, 0.3131, 0.3690



93.4451, 0.3042, 0.3480



20.2531, 0.3130, 0.3535



37.5063, 0.3022, 0.5982



3.6789, 0.3067, 0.5947

Inverse Universe

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



81.2303, 0.3121, 0.2988



77.2741, 0.3118, 0.2915



81.0281, 0.3222, 0.3108



18.2048, 0.3122, 0.3055



12.6044, 0.2964, 0.1406



1.2523, 0.2993, 0.1423

Previews

White Background



This preview shows how the Yxy color 93.2327, 0.3131, 0.3608 looks on a white background.

Color Contrast Check

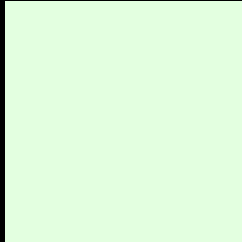
Large Text (above 18pt) WCAG AA × Fail

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 93.2327, 0.3131, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

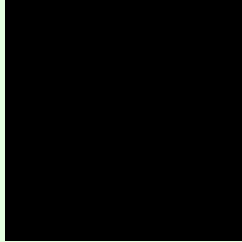
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

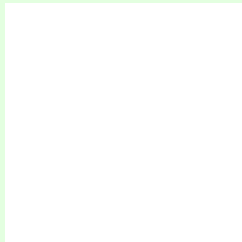
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2327, 0.3131, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 93.2327, 0.3131, 0.3608.

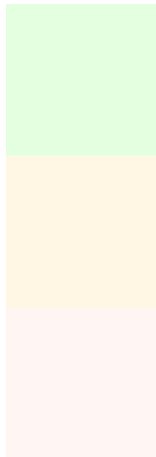


This preview shows how white text looks on a background with the Yxy color 93.2327, 0.3131, 0.3608.

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

93.2327, 0.3131, 0.3608

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

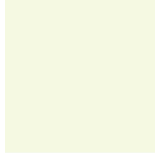
93.2320, 0.3049, 0.3221

Trichromacy



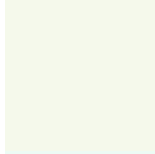
Original Color

93.2327, 0.3131, 0.3608



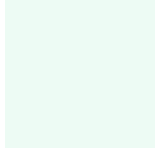
Protanomaly

92.6548, 0.3239, 0.3520



Deuteranomaly

93.1620, 0.3185, 0.3429



Tritanomaly

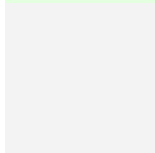
93.5305, 0.3080, 0.3360

Monochromacy



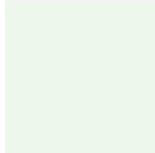
Original Color

93.2327, 0.3131, 0.3608



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5822, 0.3128, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2327, 0.3131, 0.3608 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(227, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 224)  
}
```

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(227, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 93.2327, 0.3131, 0.3608 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(227, 255, 224) }
```

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

```
.border{ border-color:rgb(227, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(227, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2327, 0.3131, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 224) }
```

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

```
.background{ background-color: rgb(227,  
255, 224) }
```

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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