

Converting Colors

$Yxy(93.4770, 0.3135, 0.3521)$

Have a look what the booklet for
Yxy(93.4770, 0.3135, 0.3521)
contains.

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Color

Yxy(93.2874, 0.3135, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	E9FDE6
RGB	233, 253, 230
RGB Percent	91%, 99%, 90%
CMY	0.0863, 0.0078, 0.0980
CMYK	0.08, 0.00, 0.09, 0.01
HSL	112°, 85%, 95%
HSV	112°, 9%, 99%
XYZ	83.0133, 93.2874, 88.4946
YIQ	244.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

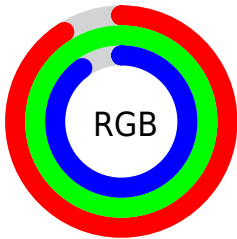
Format	Color
R _Y B	230, 253, 250
Decimal	15334886
CIE Lab	97.34, -10.61, 8.78
CIE LCh	97, 13.771, 140.410
Yxy	93.2874, 0.3135, 0.3523
Android (android.graphics.Color)	4293524966 (0xFFE9FDE6)
YUV	244.3980, -7.0982, -9.9960
Hunter-Lab	96.5854, -15.6071, 13.2864

Details

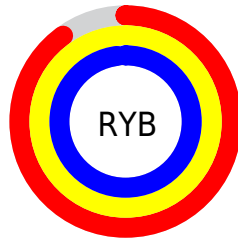
The Yxy color **93.2874, 0.3135, 0.3523** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0120, 0.3117, 0.3065**, and the grayscale version is **90.8660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9221, 0.3130, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **88.4968, 0.3142, 0.3810**, and if you desaturate by 10%, it is **98.7337, 0.3128, 0.3271**.

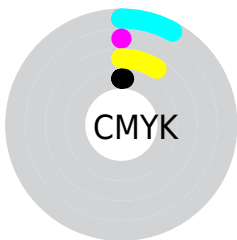
Distribution



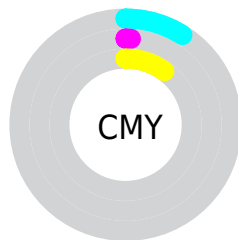
- Red (91%)
- Green (99%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2874, 0.3135, 0.3523 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 93.2874, 0.3135, 0.3523 by changing the saturation by 10% instead.


 93.2874, 0.3135,
0.3523

 93.2874, 0.3135,
0.3523


538.6676, 0.3132,
0.3418

 70.7104, 0.3135,
0.3546


151.8964, 0.3134,
0.3487

 52.1059, 0.3136,
0.3575


188.6973, 0.3134,
0.3473

 37.0895, 0.3136,
0.3610


231.0082, 0.3134,
0.3461

 25.2768, 0.3136,
0.3656

279.2136, 0.3133,
0.3450

 16.2834, 0.3136,
0.3716

333.6978, 0.3133,
0.3441

 9.7249, 0.3135,
0.3801

394.8453, 0.3133,

 5.2169, 0.3132,

0.3433

0.3928

463.0404, 0.3133,
0.3425

■ 2.3751, 0.3123,
0.4136

■ 0.8130, 0.3214,
0.5086

■ 93.2874, 0.3135,
0.3523

■ 93.2874, 0.3135,
0.3523

■ 88.4968, 0.3142,
0.3810

98.7337, 0.3128,
0.3271

■ 84.3443, 0.3146,
0.4127

■ 80.8065, 0.3145,
0.4466

■ 77.8539, 0.3140,
0.4816

■ 75.4547, 0.3128,
0.5156

■ 73.5739, 0.3109,
0.5462

■ 72.1726, 0.3085,
0.5710

■ 71.2059, 0.3057,
0.5880

■ 70.6163, 0.3030,
0.5971

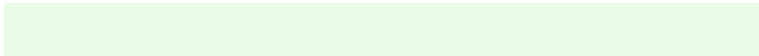
Harmonies

Analogous

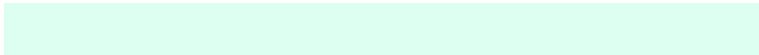
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2874, 0.3284, 0.3559



93.2874, 0.3135, 0.3523



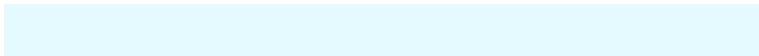
93.2874, 0.2987, 0.3420

Triad

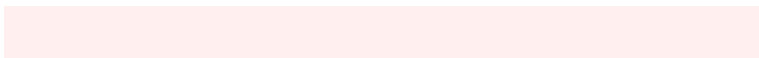
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2874, 0.3135, 0.3523



93.2874, 0.2867, 0.3059



93.2874, 0.3383, 0.3291

Complementary

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



93.2874, 0.3135, 0.3523



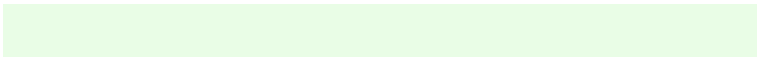
84.0120, 0.3117, 0.3065

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.



93.2874, 0.3266, 0.3165



93.2874, 0.3135, 0.3523



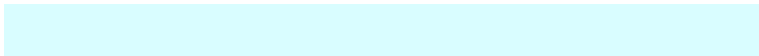
93.2874, 0.2968, 0.3032

Square

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



93.2874, 0.3135, 0.3523



93.2874, 0.2834, 0.3148



93.2874, 0.3114, 0.3071



93.2874, 0.3429, 0.3421

Rectangle

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



93.2874, 0.3135, 0.3523



93.2874, 0.2908, 0.3328



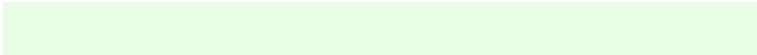
93.2874, 0.3114, 0.3071



93.2874, 0.3350, 0.3247

Sweetspot

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



93.2914, 0.3135, 0.3523



98.2772, 0.3130, 0.3364



94.9296, 0.3266, 0.3485



20.9391, 0.3131, 0.3384



0.0000, 0.0000, 0.0000



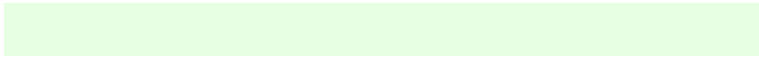
21.4041, 0.3127, 0.3290

Same Dimension

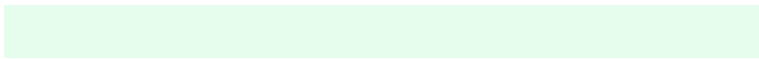
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2914, 0.3135, 0.3523



93.9875, 0.3136, 0.3575



93.2759, 0.3068, 0.3437



20.2817, 0.3135, 0.3534



37.5769, 0.3034, 0.5973



3.6923, 0.3089, 0.5929

Inverse Universe

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



84.0120, 0.3117, 0.3065



82.7032, 0.3115, 0.3016



84.0452, 0.3191, 0.3147



18.1731, 0.3117, 0.3054



11.9113, 0.2881, 0.1361



1.1918, 0.2921, 0.1383

Previews

White Background



This preview shows how the Yxy color 93.2874, 0.3135, 0.3523 looks on a white background.

Color Contrast Check

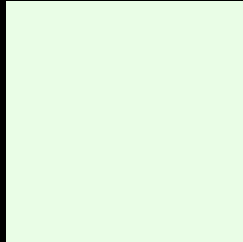
Large Text (above 18pt) WCAG AA × Fail

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 93.2874, 0.3135, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

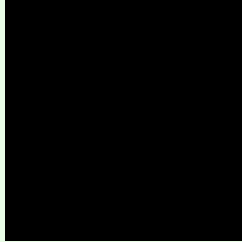
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

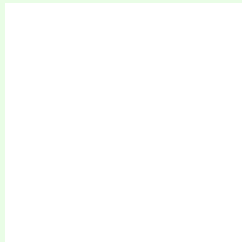
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2874, 0.3135, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 93.2874, 0.3135, 0.3523.

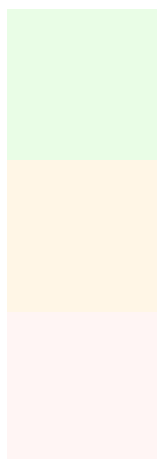


This preview shows how white text looks on a background with the Yxy color 93.2874, 0.3135, 0.3523.

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

93.2874, 0.3135, 0.3523

Protanopia

92.8847, 0.3283, 0.3447

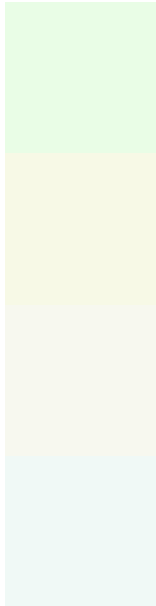
Deuteranopia

93.0965, 0.3198, 0.3300

Tritanopia

92.9746, 0.3061, 0.3212

Trichromacy



Original Color

93.2874, 0.3135, 0.3523

Protanomaly

93.2387, 0.3228, 0.3478

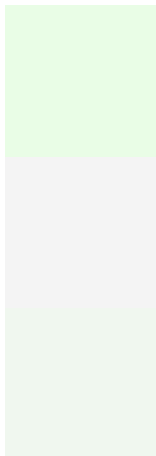
Deuteranomaly

93.1410, 0.3174, 0.3379

Tritanomaly

92.9304, 0.3088, 0.3320

Monochromacy



Original Color

93.2874, 0.3135, 0.3523

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.2788, 0.3130, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2874, 0.3135, 0.3523 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(233, 253, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 253, 230)  
}
```

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(233, 253, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 253, 230) }
```

Border

The CSS property to change the border of an element to Yxy 93.2874, 0.3135, 0.3523 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(233, 253, 230) }
```

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

```
.border{ border-color:rgb(233, 253, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 253, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 253, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 253, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 253,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2874, 0.3135, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 253, 230) }
```

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

```
.background{ background-color: rgb(233,  
253, 230) }
```

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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