

Converting Colors

$Yxy(94.2159, 0.3091, 0.3504)$

Have a look what the booklet for
Yxy(94.2159, 0.3091, 0.3504)
contains.

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Color

Yxy(94.2835, 0.3093, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEA
RGB	230, 255, 234
RGB Percent	90%, 100%, 92%
CMY	0.0979, 0.0000, 0.0825
CMYK	0.10, 0.00, 0.08, 0.00
HSL	129°, 100%, 95%
HSV	129°, 10%, 100%
XYZ	83.2483, 94.2835, 91.6189
YIQ	245.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

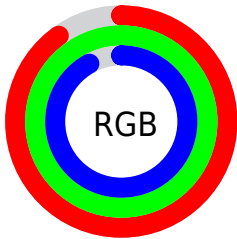
Format	Color
R _Y B	230, 252, 255
Decimal	15138794
CIE Lab	97.75, -11.89, 7.30
CIE LCh	98, 13.955, 148.468
Yxy	94.2835, 0.3093, 0.3503
Android (android.graphics.Color)	4293328874 (0xFFE6FFEA)
YUV	245.1310, -5.4876, -13.2699
Hunter-Lab	97.0997, -16.8877, 12.0264

Details

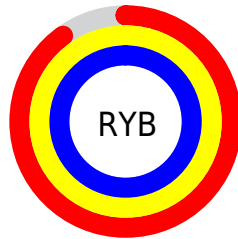
The Yxy color **94.2835, 0.3093, 0.3503** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.8460, 0.3163, 0.3086**, and the grayscale version is **91.4767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6012, 0.3084, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **89.2103, 0.3058, 0.3749**, and if you desaturate by 10%, it is **99.9999, 0.3127, 0.3290**.

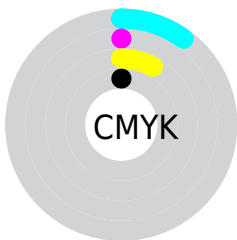
Distribution



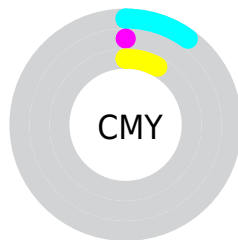
- Red (90%)
- Green (100%)
- Blue (92%)



- Red (90%)
- Yellow (99%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2835, 0.3093, 0.3503 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 94.2835, 0.3093, 0.3503 by changing the saturation by 10% instead.

 94.2835, 0.3093,
0.3503

 94.2835, 0.3093,
0.3503


541.8686, 0.3109,
0.3407

 71.5388, 0.3089,
0.3524

153.2744, 0.3099,
0.3470

 52.7820, 0.3085,
0.3550


190.2893, 0.3101,
0.3458

 37.6288, 0.3079,
0.3582

232.8297, 0.3102,
0.3446

 25.6947, 0.3072,
0.3624

281.2801, 0.3104,
0.3437

 16.5954, 0.3062,
0.3679

336.0248, 0.3106,
0.3428

 9.9464, 0.3047,
0.3756

397.4482, 0.3107,

 5.3635, 0.3025,

0.3420

0.3870

465.9347, 0.3108,
0.3414

■ 2.4621, 0.2986,
0.4058

■ 0.8575, 0.2906,
0.4749

■ 94.2835, 0.3093,
0.3503

■ 94.2835, 0.3093,
0.3503

■ 89.2103, 0.3058,
0.3749

99.9999, 0.3127,
0.3290

■ 84.8682, 0.3023,
0.4024

■ 81.2268, 0.2991,
0.4323

■ 78.2492, 0.2964,
0.4638

■ 75.8948, 0.2944,
0.4955

■ 74.1186, 0.2935,
0.5258

■ 72.8696, 0.2936,
0.5524

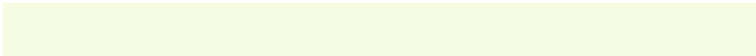
■ 72.0875, 0.2949,
0.5737

■ 71.6798, 0.2968,
0.5884

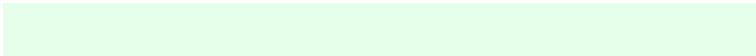
Harmonies

Analogous

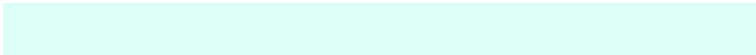
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2835, 0.3247, 0.3560



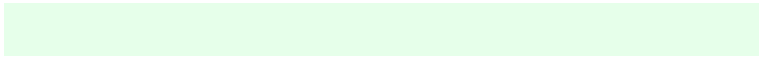
94.2835, 0.3093, 0.3503



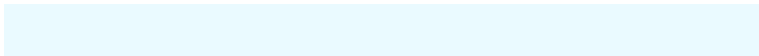
94.2835, 0.2950, 0.3385

Triad

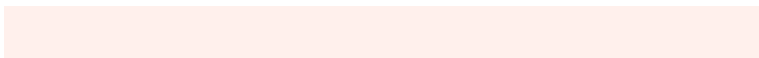
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2835, 0.3093, 0.3503



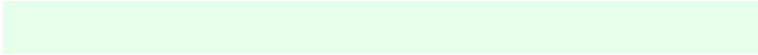
94.2835, 0.2886, 0.3043



94.2835, 0.3406, 0.3327

Complementary

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



94.2835, 0.3093, 0.3503



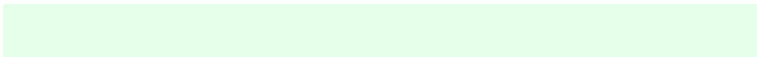
84.8460, 0.3163, 0.3086

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.



94.2835, 0.3304, 0.3196



94.2835, 0.3093, 0.3503



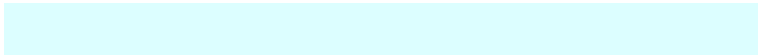
94.2835, 0.3003, 0.3034

Square

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



94.2835, 0.3093, 0.3503



94.2835, 0.2833, 0.3117



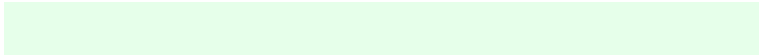
94.2835, 0.3156, 0.3090



94.2835, 0.3431, 0.3453

Rectangle

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



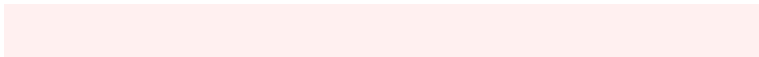
94.2835, 0.3093, 0.3503



94.2835, 0.2880, 0.3290



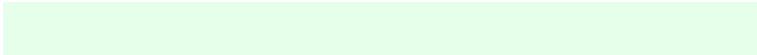
94.2835, 0.3156, 0.3090



94.2835, 0.3380, 0.3283

Sweetspot

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



94.2875, 0.3093, 0.3503



98.1694, 0.3117, 0.3352



97.7921, 0.3249, 0.3534



20.9101, 0.3114, 0.3370



0.0000, 0.0000, 0.0000



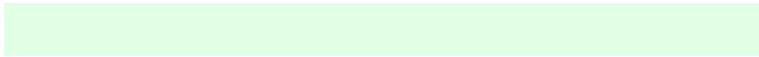
21.4041, 0.3127, 0.3290

Same Dimension

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



94.2875, 0.3093, 0.3503



93.0997, 0.3085, 0.3555



95.0195, 0.3024, 0.3377



20.2146, 0.3094, 0.3496



37.4646, 0.2963, 0.5868



3.6606, 0.2915, 0.5693

Inverse Universe

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



84.8460, 0.3163, 0.3086



81.7011, 0.3172, 0.3039



84.0945, 0.3243, 0.3205



18.2485, 0.3162, 0.3092



13.6903, 0.3652, 0.1785



1.3456, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 94.2835, 0.3093, 0.3503 looks on a white background.

Color Contrast Check

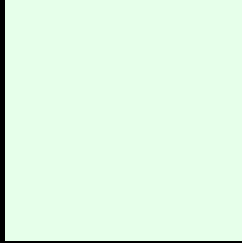
Large Text (above 18pt) WCAG AA × Fail

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 94.2835, 0.3093, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

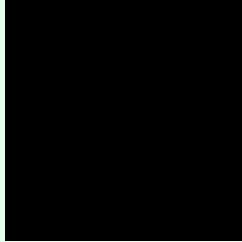
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

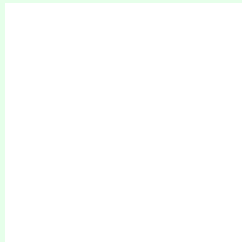
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2835, 0.3093, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 94.2835, 0.3093, 0.3503.

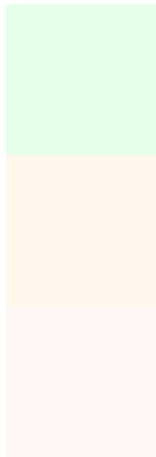


This preview shows how white text looks on a background with the Yxy color 94.2835, 0.3093, 0.3503.

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

94.2835, 0.3093, 0.3503

Protanopia

93.7220, 0.3257, 0.3417

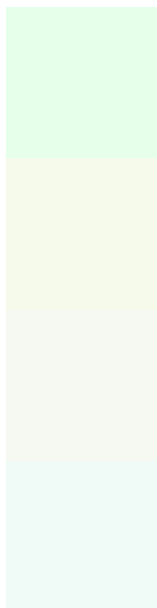
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

94.3838, 0.3067, 0.3232

Trichromacy



Original Color

94.2835, 0.3093, 0.3503

Protanomaly

93.9046, 0.3196, 0.3448

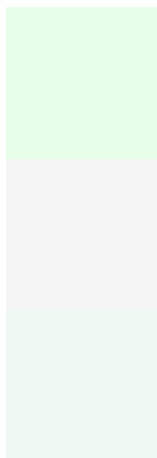
Deuteranomaly

93.7550, 0.3149, 0.3359

Tritanomaly

94.2350, 0.3082, 0.3329

Monochromacy



Original Color

94.2835, 0.3093, 0.3503

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.6275, 0.3117, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2835, 0.3093, 0.3503 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, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 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, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 234) }
```

Border

The CSS property to change the border of an element to Yxy 94.2835, 0.3093, 0.3503 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, 255, 234) }
```

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

```
.border{ border-color:rgb(230, 255, 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, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 255, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 255, 234); box-shadow:4px 4px 4px 4px rgb(230, 255, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2835, 0.3093, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 234) }
```

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

```
.background{ background-color: rgb(230,  
255, 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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