

Converting Colors

$Y_{xy}(125.3724, 0.3112, 0.3964)$

Have a look what the booklet for
Yxy(125.3724, 0.3112, 0.3964)
contains.

Yxy(94.1104, 0.3133, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.1104, 0.3133, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFE4
RGB	231, 255, 228
RGB Percent	91%, 100%, 89%
CMY	0.0940, 0.0000, 0.1058
CMYK	0.09, 0.00, 0.11, 0.00
HSL	113°, 100%, 95%
HSV	113°, 11%, 100%
XYZ	82.7295, 94.1104, 87.2185
YIQ	244.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

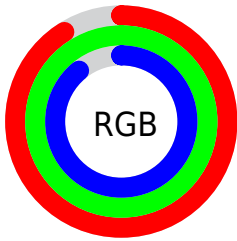
Format	Color
R _Y B	228, 255, 252
Decimal	15204324
CIE Lab	97.68, -12.59, 10.25
CIE LCh	98, 16.236, 140.848
Yxy	94.1104, 0.3133, 0.3564
Android (android.graphics.Color)	4293394404 (0xFFE7FFE4)
YUV	244.7460, -8.2558, -12.0552
Hunter-Lab	97.0105, -17.5456, 14.6020

Details

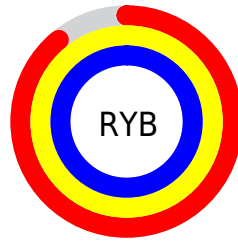
The Yxy color **94.1104, 0.3133, 0.3564** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83.4104, 0.3119, 0.3027**, and the grayscale version is **91.1750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5193, 0.3128, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **89.2719, 0.3136, 0.3857**, and if you desaturate by 10%, it is **99.6535, 0.3128, 0.3304**.

Distribution



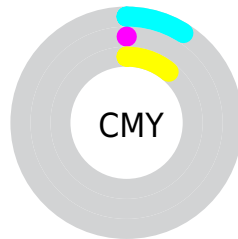
- Red (91%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1104, 0.3133, 0.3564 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 94.1104, 0.3133, 0.3564 by changing the saturation by 10% instead.

 94.1104, 0.3133,
0.3564

 94.1104, 0.3133,
0.3564


541.3131, 0.3132,
0.3441

 71.3948, 0.3133,
0.3591


153.0350, 0.3133,
0.3522

 52.6644, 0.3133,
0.3625


190.0128, 0.3133,
0.3505

 37.5350, 0.3133,
0.3667


232.5134, 0.3132,
0.3491

 25.6220, 0.3132,
0.3721

280.9213, 0.3132,
0.3478

 16.5410, 0.3131,
0.3792

335.6208, 0.3132,
0.3467

 9.9078, 0.3128,
0.3892

396.9963, 0.3132,

 5.3379, 0.3121,

0.3457

0.4042

465.4323, 0.3132,
0.3449

■ 2.4468, 0.3105,
0.4288

■ 0.8498, 0.3210,
0.5452

■ 94.1104, 0.3133,
0.3564

■ 94.1104, 0.3133,
0.3564

■ 89.2719, 0.3136,
0.3857

99.6535, 0.3128,
0.3304

■ 85.0983, 0.3137,
0.4179

99.9966, 0.3127,
0.3290

■ 81.5641, 0.3133,
0.4523

■ 78.6374, 0.3125,
0.4875

■ 76.2839, 0.3111,
0.5213

■ 74.4655, 0.3092,
0.5513

■ 73.1396, 0.3069,
0.5750

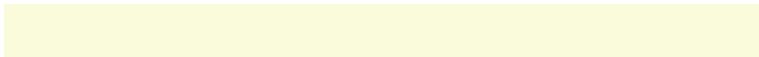
■ 72.2568, 0.3043,
0.5906

■ 71.7706, 0.3022,
0.5983

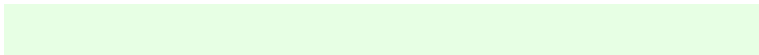
Harmonies

Analogous

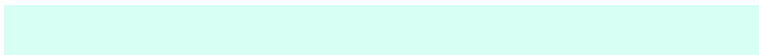
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1104, 0.3309, 0.3607



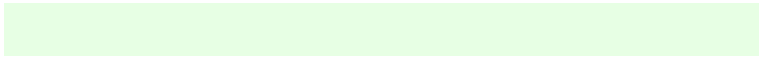
94.1104, 0.3133, 0.3564



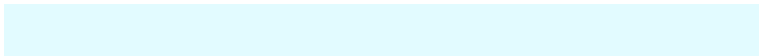
94.1104, 0.2960, 0.3440

Triad

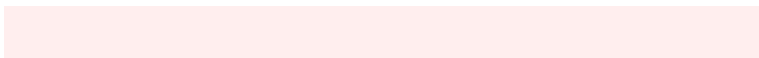
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1104, 0.3133, 0.3564



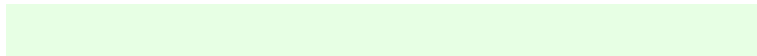
94.1104, 0.2823, 0.3018



94.1104, 0.3430, 0.3293

Complementary

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



94.1104, 0.3133, 0.3564



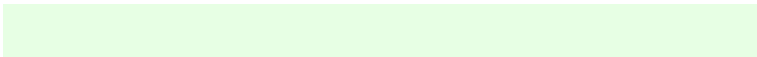
83.4104, 0.3119, 0.3027

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.



94.1104, 0.3293, 0.3145



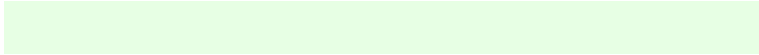
94.1104, 0.3133, 0.3564



94.1104, 0.2942, 0.2988

Square

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



94.1104, 0.3133, 0.3564



94.1104, 0.2784, 0.3121



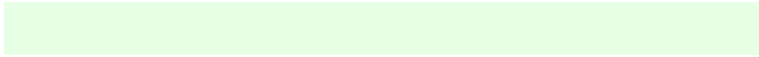
94.1104, 0.3113, 0.3035



94.1104, 0.3483, 0.3444

Rectangle

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



94.1104, 0.3133, 0.3564



94.1104, 0.2868, 0.3332



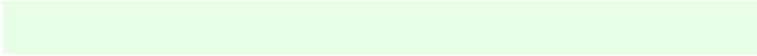
94.1104, 0.3113, 0.3035



94.1104, 0.3392, 0.3241

Sweetspot

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



94.1144, 0.3133, 0.3564



98.2510, 0.3129, 0.3364



96.3870, 0.3289, 0.3522



20.9320, 0.3129, 0.3384



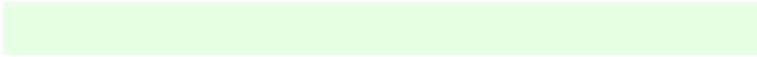
0.0000, 0.0000, 0.0000



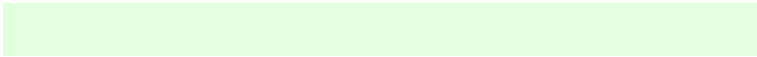
21.4041, 0.3127, 0.3290

Same Dimension

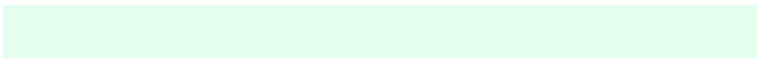
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1144, 0.3133, 0.3564



92.8829, 0.3134, 0.3632



94.2086, 0.3056, 0.3458



20.2653, 0.3132, 0.3535



37.5343, 0.3027, 0.5979



3.6846, 0.3076, 0.5939

Inverse Universe

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



83.4104, 0.3119, 0.3027



79.9469, 0.3117, 0.2966



83.3296, 0.3206, 0.3128



18.1912, 0.3120, 0.3055



12.3044, 0.2928, 0.1387



1.2262, 0.2962, 0.1405

Previews

White Background



This preview shows how the Yxy color 94.1104, 0.3133, 0.3564 looks on a white background.

Color Contrast Check

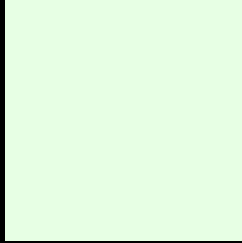
Large Text (above 18pt) WCAG AA × Fail

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 94.1104, 0.3133, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

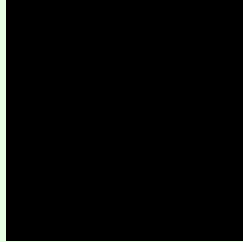
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

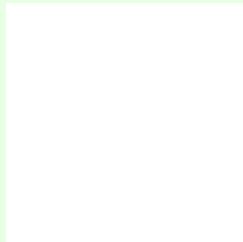
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1104, 0.3133, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 94.1104, 0.3133, 0.3564.

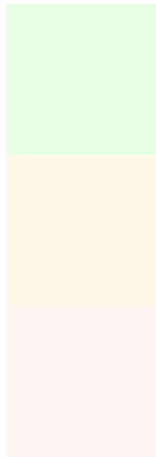


This preview shows how white text looks on a background with the Yxy color 94.1104, 0.3133, 0.3564.

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

94.1104, 0.3133, 0.3564

Protanopia

93.6077, 0.3270, 0.3437

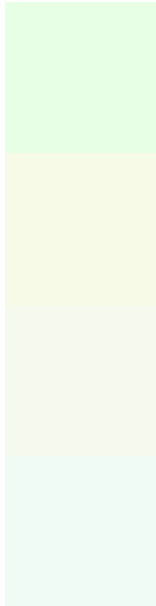
Deuteranopia

93.7032, 0.3197, 0.3310

Tritanopia

93.7673, 0.3067, 0.3222

Trichromacy



Original Color

94.1104, 0.3133, 0.3564

Protanomaly

93.7336, 0.3214, 0.3478

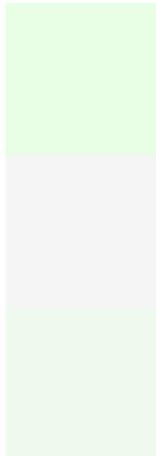
Deuteranomaly

93.5172, 0.3173, 0.3399

Tritanomaly

94.1122, 0.3093, 0.3349

Monochromacy



Original Color

94.1104, 0.3133, 0.3564

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5086, 0.3129, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1104, 0.3133, 0.3564 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(231, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 228)  
}
```

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(231, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 94.1104, 0.3133, 0.3564 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(231, 255, 228) }
```

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

```
.border{ border-color:rgb(231, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1104, 0.3133, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 228) }
```

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

```
.background{ background-color: rgb(231,  
255, 228) }
```

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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