

Converting Colors

$Yxy(93.9487, 0.3115, 0.3549)$

Have a look what the booklet for
Yxy(93.9487, 0.3115, 0.3549)
contains.

Yxy(94.0562, 0.3115, 0.3544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.0562, 0.3115, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFE6
RGB	230, 255, 230
RGB Percent	90%, 100%, 90%
CMY	0.0981, 0.0000, 0.0980
CMYK	0.10, 0.00, 0.10, 0.00
HSL	120°, 100%, 95%
HSV	120°, 10%, 100%
XYZ	82.6707, 94.0562, 88.6687
YIQ	244.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

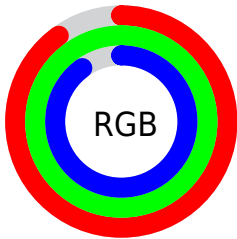
Format	Color
R_{YB}	230, 255, 255
Decimal	15138790
CIE _{Lab}	97.65, -12.61, 9.19
CIE _{LCh}	98, 15.602, 143.916
Y _{xy}	94.0562, 0.3115, 0.3544
Android (android.graphics.Color)	4293328870 (0xFFE6FFE6)
YUV	244.6750, -7.2348, -12.8700
Hunter-Lab	96.9826, -17.5610, 13.6805

Details

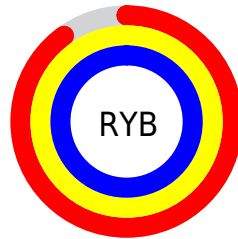
The Yxy color **94.0562, 0.3115, 0.3544** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.0565, 0.3139, 0.3049**, and the grayscale version is **91.0931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4428, 0.3112, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **88.8107, 0.3101, 0.3838**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

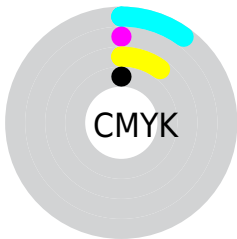
Distribution



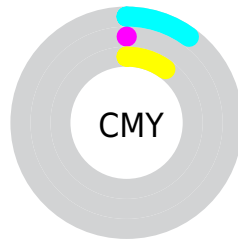
- Red (90%)
- Green (100%)
- Blue (90%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0562, 0.3115, 0.3544 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 94.0562, 0.3115, 0.3544 by changing the saturation by 10% instead.


 94.0562, 0.3115,
0.3544

 94.0562, 0.3115,
0.3544


541.1391, 0.3121,
0.3430

 71.3497, 0.3113,
0.3569


152.9601, 0.3117,
0.3505

 52.6276, 0.3111,
0.3600


189.9262, 0.3118,
0.3490

 37.5056, 0.3109,
0.3639

232.4144, 0.3119,
0.3476

 25.5992, 0.3105,
0.3689

280.8089, 0.3120,
0.3465

 16.5240, 0.3099,
0.3755

335.4943, 0.3120,
0.3454

 9.8957, 0.3091,
0.3848

396.8548, 0.3121,

 5.3299, 0.3077,

0.3445

0.3986

465.2750, 0.3121,
0.3437

■ 2.4421, 0.3049,
0.4215

■ 0.8474, 0.3062,
0.5214

■ 94.0562, 0.3115,
0.3544

■ 94.0562, 0.3115,
0.3544

■ 88.8107, 0.3101,
0.3838

100.0000, 0.3127,
0.3290

■ 84.3590, 0.3085,
0.4165

■ 80.6594, 0.3069,
0.4518

■ 77.6703, 0.3052,
0.4880

■ 75.3461, 0.3035,
0.5230

■ 73.6361, 0.3021,
0.5538

■ 72.4823, 0.3010,
0.5777

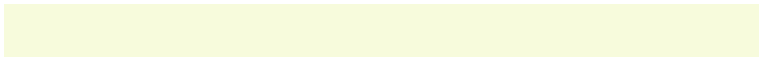
■ 71.8154, 0.3003,
0.5929

■ 71.5250, 0.3000,
0.5998

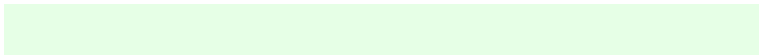
Harmonies

Analogous

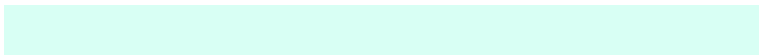
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0562, 0.3286, 0.3594



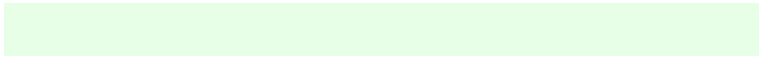
94.0562, 0.3115, 0.3544



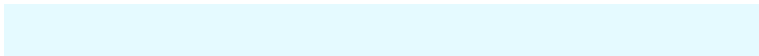
94.0562, 0.2951, 0.3419

Triad

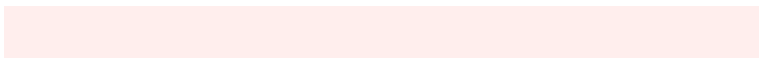
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0562, 0.3115, 0.3544



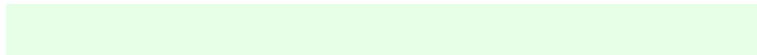
94.0562, 0.2843, 0.3022



94.0562, 0.3427, 0.3308

Complementary

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



94.0562, 0.3115, 0.3544



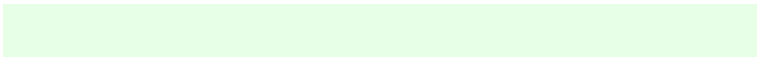
85.0565, 0.3139, 0.3049

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.



94.0562, 0.3302, 0.3164



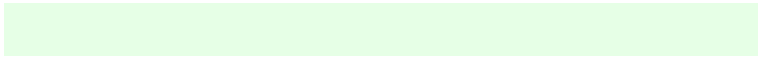
94.0562, 0.3115, 0.3544



94.0562, 0.2964, 0.3001

Square

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



94.0562, 0.3115, 0.3544



94.0562, 0.2797, 0.3114



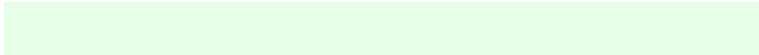
94.0562, 0.3132, 0.3053



94.0562, 0.3469, 0.3452

Rectangle

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



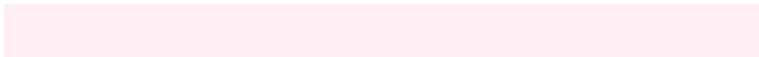
94.0562, 0.3115, 0.3544



94.0562, 0.2867, 0.3314



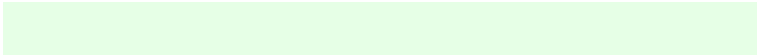
94.0562, 0.3132, 0.3053



94.0562, 0.3393, 0.3259

Sweetspot

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



94.0526, 0.3115, 0.3544



98.0956, 0.3124, 0.3364



98.4917, 0.3274, 0.3533



20.8903, 0.3123, 0.3384



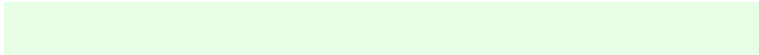
0.0000, 0.0000, 0.0000



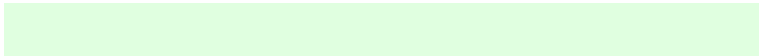
21.4041, 0.3127, 0.3290

Same Dimension

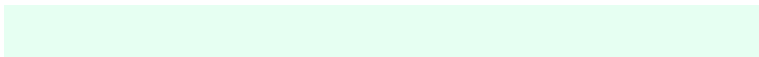
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0526, 0.3115, 0.3544



92.8375, 0.3112, 0.3605



94.7788, 0.3045, 0.3416



20.1687, 0.3115, 0.3535



37.3714, 0.3000, 0.5999



3.6389, 0.2999, 0.5997

Inverse Universe

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



85.0565, 0.3139, 0.3049



82.0035, 0.3141, 0.2994



84.2791, 0.3219, 0.3168



18.2999, 0.3138, 0.3056



14.8681, 0.3213, 0.1544



1.4478, 0.3213, 0.1543

Previews

White Background



This preview shows how the Yxy color 94.0562, 0.3115, 0.3544 looks on a white background.

Color Contrast Check

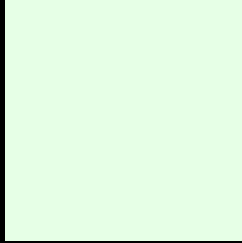
Large Text (above 18pt) WCAG AA × Fail

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 94.0562, 0.3115, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

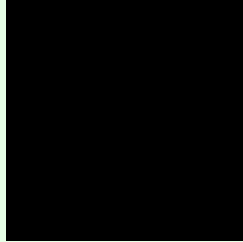
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

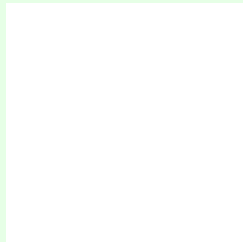
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0562, 0.3115, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 94.0562, 0.3115, 0.3544.

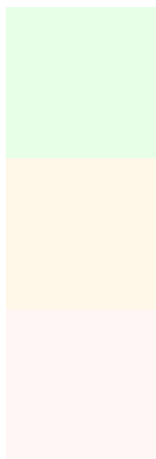


This preview shows how white text looks on a background with the Yxy color 94.0562, 0.3115, 0.3544.

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

94.0562, 0.3115, 0.3544

Protanopia

93.6077, 0.3270, 0.3437

Deuteranopia

93.7641, 0.3191, 0.3300

Tritanopia

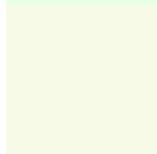
93.5879, 0.3061, 0.3222

Trichromacy



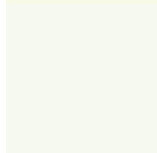
Original Color

94.0562, 0.3115, 0.3544



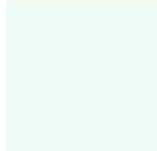
Protanomaly

93.7336, 0.3214, 0.3478



Deuteranomaly

93.6355, 0.3161, 0.3379



Tritanomaly

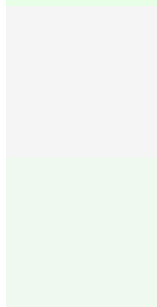
93.9989, 0.3081, 0.3339

Monochromacy



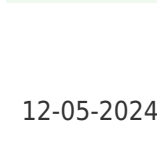
Original Color

94.0562, 0.3115, 0.3544



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5679, 0.3123, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0562, 0.3115, 0.3544 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, 230)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 94.0562, 0.3115, 0.3544 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, 230) }
```

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

```
.border{ border-color:rgb(230, 255, 230) }
```

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, 230)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 94.0562, 0.3115, 0.3544 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, 230) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor