

Converting Colors

$Y_{xy}(101.6617, 0.3128, 0.3622)$

Have a look what the booklet for
Yxy(101.6617, 0.3128, 0.3622)
contains.

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Color

Yxy(95.0084, 0.3135, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFE8
RGB	235, 255, 232
RGB Percent	92%, 100%, 91%
CMY	0.0783, 0.0000, 0.0901
CMYK	0.08, 0.00, 0.09, 0.00
HSL	112°, 100%, 95%
HSV	112°, 9%, 100%
XYZ	84.5928, 95.0084, 90.2323
YIQ	246.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

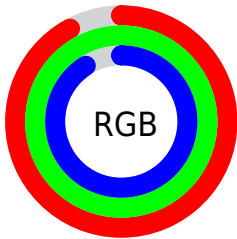
Format	Color
R _Y B	232, 255, 252
Decimal	15466472
CIE Lab	98.04, -10.59, 8.76
CIE LCh	98, 13.739, 140.403
Yxy	95.0084, 0.3135, 0.3521
Android (android.graphics.Color)	4293656552 (0xFFEBFFE8)
YUV	246.3980, -7.0982, -9.9960
Hunter-Lab	97.4723, -15.6624, 13.3444

Details

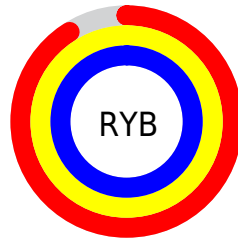
The Yxy color **95.0084, 0.3135, 0.3521** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6343, 0.3118, 0.3067**, and the grayscale version is **92.5651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1065, 0.3137, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **90.1260, 0.3142, 0.3808**, and if you desaturate by 10%, it is **99.9996, 0.3127, 0.3290**.

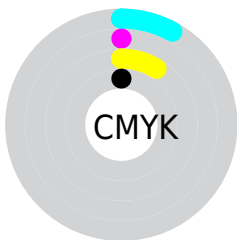
Distribution



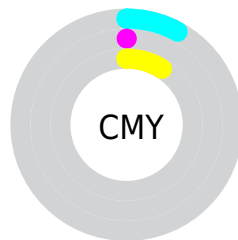
- Red (92%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0084, 0.3135, 0.3521 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 95.0084, 0.3135, 0.3521 by changing the saturation by 10% instead.

 95.0084, 0.3135,
0.3521

 95.0084, 0.3135,
0.3521


544.1919, 0.3132,
0.3418

 72.1420, 0.3135,
0.3544


154.2762, 0.3134,
0.3486

 53.2747, 0.3136,
0.3572


191.4464, 0.3134,
0.3472

 38.0221, 0.3136,
0.3607


234.1532, 0.3134,
0.3460

 25.9998, 0.3136,
0.3651


282.7812, 0.3133,
0.3449

 16.8235, 0.3136,
0.3711

337.7146, 0.3133,
0.3440

 10.1087, 0.3136,
0.3793

399.3380, 0.3133,

 5.4711, 0.3133,

0.3432

0.3915

468.0356, 0.3133,
0.3424

■ 2.5262, 0.3125,
0.4116

■ 0.8897, 0.3203,
0.4853

■ 95.0084, 0.3135,
0.3521

■ 95.0084, 0.3135,
0.3521

■ 90.1260, 0.3142,
0.3808

99.9996, 0.3127,
0.3290

■ 85.8936, 0.3146,
0.4124

■ 82.2872, 0.3146,
0.4464

■ 79.2770, 0.3140,
0.4814

■ 76.8304, 0.3128,
0.5154

■ 74.9120, 0.3110,
0.5461

■ 73.4820, 0.3085,
0.5709

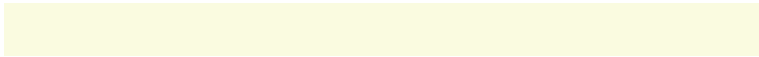
■ 72.4948, 0.3057,
0.5880

■ 71.8924, 0.3030,
0.5971

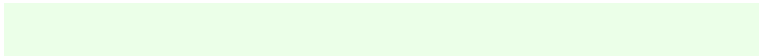
Harmonies

Analogous

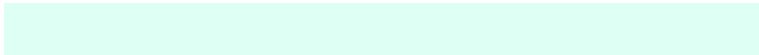
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0084, 0.3283, 0.3557



95.0084, 0.3135, 0.3521



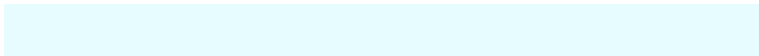
95.0084, 0.2988, 0.3419

Triad

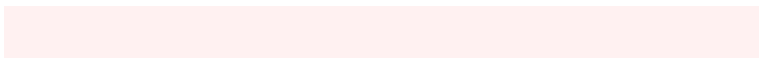
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0084, 0.3135, 0.3521



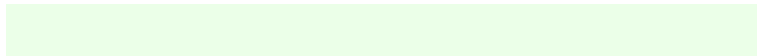
95.0084, 0.2869, 0.3061



95.0084, 0.3381, 0.3291

Complementary

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



95.0084, 0.3135, 0.3521



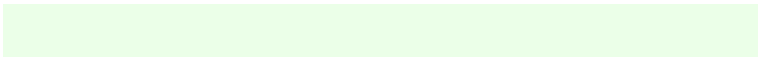
85.6343, 0.3118, 0.3067

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.



95.0084, 0.3265, 0.3166



95.0084, 0.3135, 0.3521



95.0084, 0.2969, 0.3034

Square

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



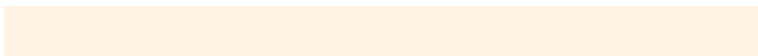
95.0084, 0.3135, 0.3521



95.0084, 0.2837, 0.3150



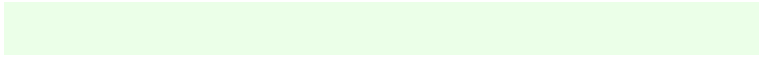
95.0084, 0.3114, 0.3073



95.0084, 0.3427, 0.3419

Rectangle

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



95.0084, 0.3135, 0.3521



95.0084, 0.2909, 0.3328



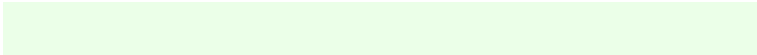
95.0084, 0.3114, 0.3073



95.0084, 0.3348, 0.3248

Sweetspot

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



95.0125, 0.3135, 0.3521



98.2778, 0.3130, 0.3364



96.6665, 0.3265, 0.3483



20.9392, 0.3131, 0.3384



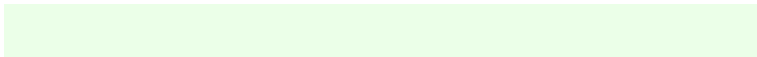
0.0000, 0.0000, 0.0000



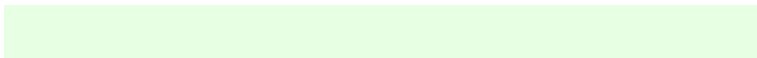
21.4041, 0.3127, 0.3290

Same Dimension

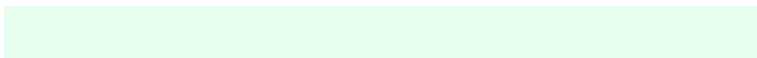
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0125, 0.3135, 0.3521



93.9893, 0.3137, 0.3575



94.9952, 0.3068, 0.3436



20.2821, 0.3135, 0.3534



37.5779, 0.3034, 0.5973



3.6925, 0.3089, 0.5929

Inverse Universe

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



85.6343, 0.3118, 0.3067



82.7011, 0.3115, 0.3016



85.6695, 0.3191, 0.3148



18.1727, 0.3117, 0.3054



11.9029, 0.2880, 0.1360



1.1910, 0.2920, 0.1382

Previews

White Background



This preview shows how the Yxy color 95.0084, 0.3135, 0.3521 looks on a white background.

Color Contrast Check

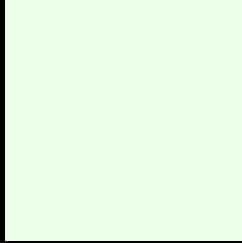
Large Text (above 18pt) WCAG AA × Fail

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 95.0084, 0.3135, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

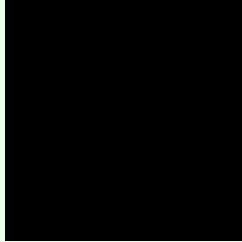
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

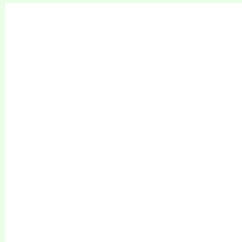
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0084, 0.3135, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 95.0084, 0.3135, 0.3521.

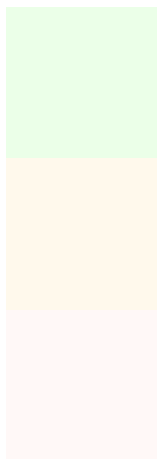


This preview shows how white text looks on a background with the Yxy color 95.0084, 0.3135, 0.3521.

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

95.0084, 0.3135, 0.3521

Protanopia

95.0675, 0.3243, 0.3416

Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

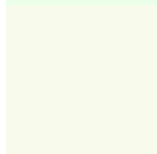
94.7455, 0.3080, 0.3232

Trichromacy



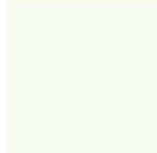
Original Color

95.0084, 0.3135, 0.3521



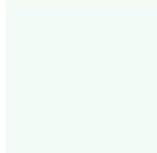
Protanomaly

94.9490, 0.3202, 0.3447



Deuteranomaly

95.3616, 0.3161, 0.3378



Tritanomaly

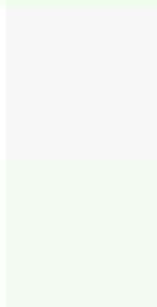
94.7644, 0.3100, 0.3329

Monochromacy



Original Color

95.0084, 0.3135, 0.3521



Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9795, 0.3130, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0084, 0.3135, 0.3521 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(235, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 232)  
}
```

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(235, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 95.0084, 0.3135, 0.3521 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(235, 255, 232) }
```

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

```
.border{ border-color:rgb(235, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0084, 0.3135, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 232) }
```

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

```
.background{ background-color: rgb(235,  
255, 232) }
```

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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