

Converting Colors

$Y_{xy}(100.0000, 0.3105, 0.3566)$

Have a look what the booklet for
Yxy(100.0000, 0.3105, 0.3566)
contains.

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Color

Yxy(95.0106, 0.3112, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	EAF FEB
RGB	234, 255, 235
RGB Percent	92%, 100%, 92%
CMY	0.0822, 0.0000, 0.0785
CMYK	0.08, 0.00, 0.08, 0.00
HSL	123°, 100%, 96%
HSV	123°, 8%, 100%
XYZ	84.6958, 95.0106, 92.4523
YIQ	246.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

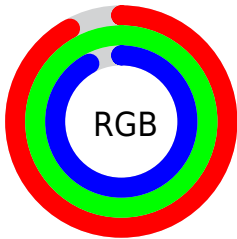
Format	Color
R _Y B	234, 254, 255
Decimal	15400939
CIE Lab	98.04, -10.40, 7.23
CIE LCh	98, 12.662, 145.180
Yxy	95.0106, 0.3112, 0.3491
Android (android.graphics.Color)	4293591019 (0xFFEAFEB)
YUV	246.4410, -5.6404, -10.9108
Hunter-Lab	97.4734, -15.4776, 11.9955

Details

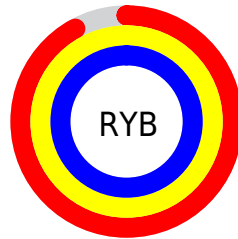
The Yxy color **95.0106, 0.3112, 0.3491** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2933, 0.3142, 0.3097**, and the grayscale version is **92.5922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1078, 0.3108, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **89.6901, 0.3092, 0.3767**, and if you desaturate by 10%, it is **99.9971, 0.3127, 0.3290**.

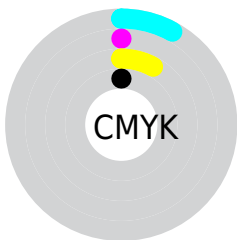
Distribution



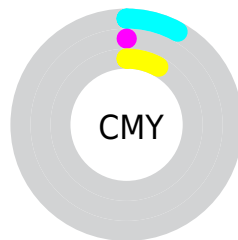
- Red (92%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0106, 0.3112, 0.3491 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 95.0106, 0.3112, 0.3491 by changing the saturation by 10% instead.


 95.0106, 0.3112,
0.3491

 95.0106, 0.3112,
0.3491


544.1989, 0.3119,
0.3401

 72.1438, 0.3110,
0.3511

154.2792, 0.3115,
0.3460

 53.2762, 0.3108,
0.3535


191.4499, 0.3116,
0.3448

 38.0233, 0.3105,
0.3565


234.1573, 0.3116,
0.3438

 26.0007, 0.3102,
0.3604


282.7857, 0.3117,
0.3429

 16.8242, 0.3096,
0.3655

337.7198, 0.3118,
0.3421

 10.1092, 0.3089,
0.3727

399.3437, 0.3118,

 5.4714, 0.3077,

0.3413

0.3833

468.0420, 0.3119,
0.3407

■ 2.5264, 0.3054,
0.4006

■ 0.8898, 0.3043,
0.4574

■ 95.0106, 0.3112,
0.3491

■ 95.0106, 0.3112,
0.3491

■ 89.6901, 0.3092,
0.3767

99.9971, 0.3127,
0.3290

■ 85.1456, 0.3072,
0.4075

■ 81.3443, 0.3051,
0.4409

■ 78.2469, 0.3031,
0.4759

■ 75.8100, 0.3014,
0.5105

■ 73.9857, 0.3001,
0.5422

■ 72.7194, 0.2994,
0.5684

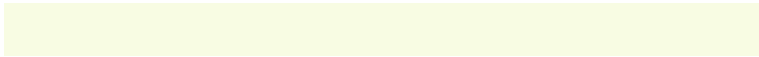
■ 71.9471, 0.2992,
0.5869

■ 71.5828, 0.2995,
0.5971

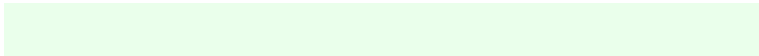
Harmonies

Analogous

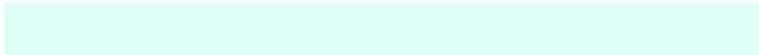
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0106, 0.3251, 0.3535



95.0106, 0.3112, 0.3491



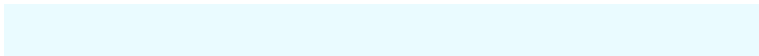
95.0106, 0.2980, 0.3389

Triad

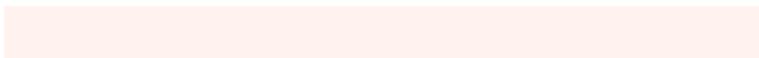
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0106, 0.3112, 0.3491



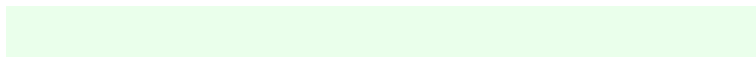
95.0106, 0.2900, 0.3071



95.0106, 0.3372, 0.3311

Complementary

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



95.0106, 0.3112, 0.3491



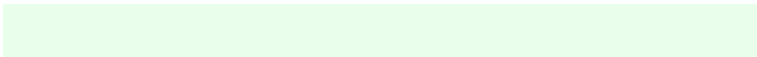
87.2933, 0.3142, 0.3097

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.



95.0106, 0.3274, 0.3193



95.0106, 0.3112, 0.3491



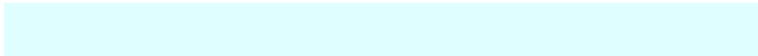
95.0106, 0.3001, 0.3056

Square

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



95.0106, 0.3112, 0.3491



95.0106, 0.2859, 0.3145



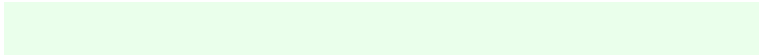
95.0106, 0.3138, 0.3100



95.0106, 0.3403, 0.3427

Rectangle

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



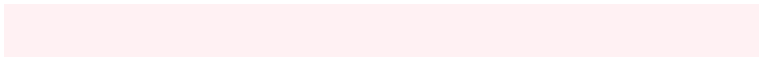
95.0106, 0.3112, 0.3491



95.0106, 0.2912, 0.3305



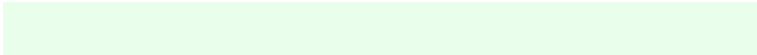
95.0106, 0.3138, 0.3100



95.0106, 0.3346, 0.3270

Sweetspot

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



95.0147, 0.3112, 0.3491



98.7355, 0.3124, 0.3337



98.5874, 0.3245, 0.3493



21.1467, 0.3124, 0.3335



0.0000, 0.0000, 0.0000



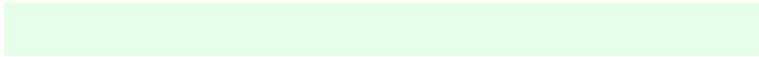
21.4041, 0.3127, 0.3290

Same Dimension

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



95.0147, 0.3112, 0.3491



94.0089, 0.3109, 0.3538



95.6240, 0.3054, 0.3387



20.1812, 0.3110, 0.3525



37.3893, 0.2993, 0.5973



3.6448, 0.2975, 0.5910

Inverse Universe

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



87.2933, 0.3142, 0.3097



84.7233, 0.3146, 0.3054



86.6541, 0.3207, 0.3195



18.2857, 0.3145, 0.3066



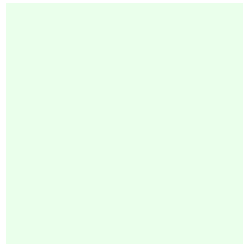
14.5192, 0.3323, 0.1604



1.4178, 0.3309, 0.1597

Previews

White Background



This preview shows how the Yxy color 95.0106, 0.3112, 0.3491 looks on a white background.

Color Contrast Check

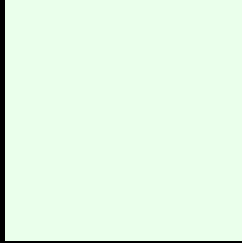
Large Text (above 18pt) WCAG AA × Fail

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 95.0106, 0.3112, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

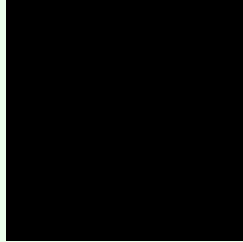
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

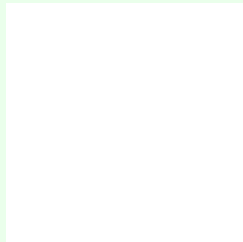
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0106, 0.3112, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 95.0106, 0.3112, 0.3491.

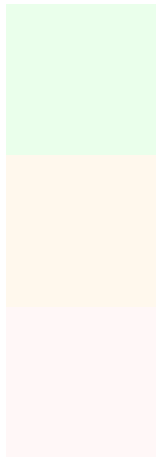


This preview shows how white text looks on a background with the Yxy color 95.0106, 0.3112, 0.3491.

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

95.0106, 0.3112, 0.3491

Protanopia

94.5092, 0.3238, 0.3397

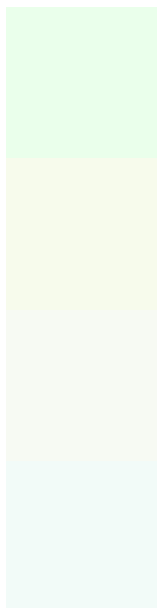
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

95.0106, 0.3112, 0.3491

Protanomaly

94.8246, 0.3190, 0.3438

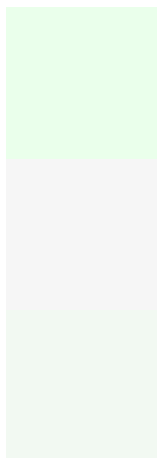
Deuteranomaly

94.6164, 0.3149, 0.3359

Tritanomaly

94.6489, 0.3088, 0.3319

Monochromacy



Original Color

95.0106, 0.3112, 0.3491

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

93.0394, 0.3124, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0106, 0.3112, 0.3491 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(234, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 235)  
}
```

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(234, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 235) }
```

Border

The CSS property to change the border of an element to Yxy 95.0106, 0.3112, 0.3491 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(234, 255, 235) }
```

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

```
.border{ border-color:rgb(234, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0106, 0.3112, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 235) }
```

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

```
.background{ background-color: rgb(234,  
255, 235) }
```

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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