

Converting Colors

$Y_{xy}(100.0000, 0.3161, 0.3591)$

Have a look what the booklet for
Yxy(100.0000, 0.3161, 0.3591)
contains.

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Color

Yxy(95.6402, 0.3166, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE7
RGB	239, 255, 231
RGB Percent	94%, 100%, 91%
CMY	0.0627, 0.0000, 0.0942
CMYK	0.06, 0.00, 0.09, 0.00
HSL	100°, 100%, 95%
HSV	100°, 9%, 100%
XYZ	85.7782, 95.6402, 89.5171
YIQ	247.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

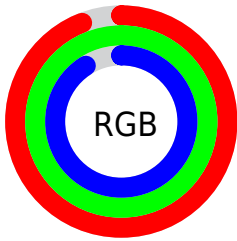
Format	Color
R _Y B	231, 255, 247
Decimal	15728615
CIE Lab	98.29, -9.44, 9.69
CIE LCh	98, 13.526, 134.245
Yxy	95.6402, 0.3166, 0.3530
Android (android.graphics.Color)	4293918695 (0xFFE7FFE7)
YUV	247.4800, -8.1246, -7.4370
Hunter-Lab	97.7958, -14.5777, 14.1862

Details

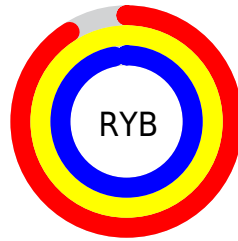
The Yxy color 95.6402, 0.3166, 0.3530 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.1225, 0.3084, 0.3054, and the grayscale version is 93.4897, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5506, 0.3177, 0.3584 is the 20% darker color. If you saturate the color by 10%, you get 91.4857, 0.3206, 0.3810, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

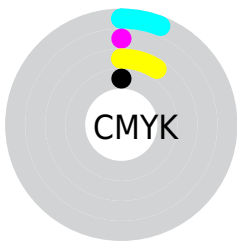
Distribution



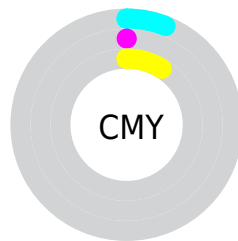
- Red (94%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.6402, 0.3166, 0.3530 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 95.6402, 0.3166, 0.3530 by changing the saturation by 10% instead.

 95.6402, 0.3166,
0.3530

 95.6402, 0.3166,
0.3530


546.2125, 0.3150,
0.3423

 72.6679, 0.3169,
0.3554


155.1488, 0.3161,
0.3493

 53.7045, 0.3173,
0.3583


192.4539, 0.3158,
0.3479

 38.3654, 0.3178,
0.3619


235.3053, 0.3157,
0.3467

 26.2664, 0.3184,
0.3665

284.0876, 0.3155,
0.3456

 17.0231, 0.3191,
0.3726

339.1851, 0.3153,
0.3446

 10.2509, 0.3201,
0.3810

400.9821, 0.3152,

 5.5657, 0.3213,

0.3437

0.3935

469.8631, 0.3151,
0.3430

■ 2.5828, 0.3227,
0.4139

■ 0.9180, 0.3411,
0.4879

■ 95.6402, 0.3166,
0.3530

■ 95.6402, 0.3166,
0.3530

■ 91.4857, 0.3206,
0.3810

100.0000, 0.3127,
0.3290

■ 87.8023, 0.3241,
0.4113

■ 84.5719, 0.3270,
0.4433

■ 81.7757, 0.3290,
0.4758

■ 79.3935, 0.3295,
0.5072

■ 77.4031, 0.3285,
0.5356

■ 75.7801, 0.3258,
0.5591

■ 74.4965, 0.3216,
0.5762

■ 73.5142, 0.3163,
0.5868

Harmonies

Analogous

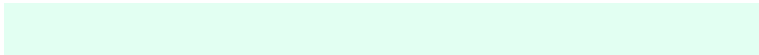
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6402, 0.3306, 0.3550



95.6402, 0.3166, 0.3530



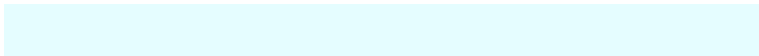
95.6402, 0.3018, 0.3441

Triad

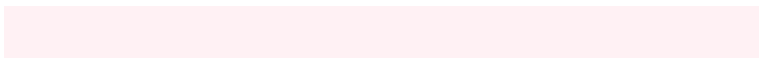
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6402, 0.3166, 0.3530



95.6402, 0.2861, 0.3078



95.6402, 0.3357, 0.3265

Complementary

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



95.6402, 0.3166, 0.3530



84.1225, 0.3084, 0.3054

Split Complementary

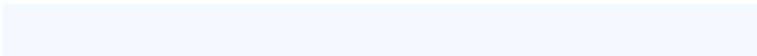
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6402, 0.3234, 0.3146



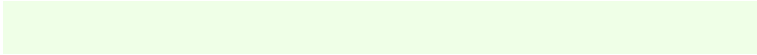
95.6402, 0.3166, 0.3530



95.6402, 0.2947, 0.3039

Square

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



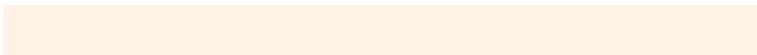
95.6402, 0.3166, 0.3530



95.6402, 0.2844, 0.3176



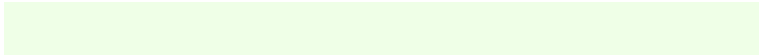
95.6402, 0.3083, 0.3064



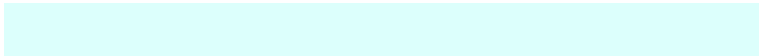
95.6402, 0.3419, 0.3393

Rectangle

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



95.6402, 0.3166, 0.3530



95.6402, 0.2935, 0.3356



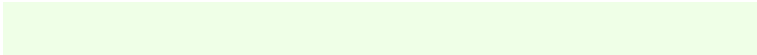
95.6402, 0.3083, 0.3064



95.6402, 0.3322, 0.3223

Sweetspot

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



95.6397, 0.3166, 0.3530



98.5641, 0.3140, 0.3364



93.2985, 0.3277, 0.3443



21.0163, 0.3143, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

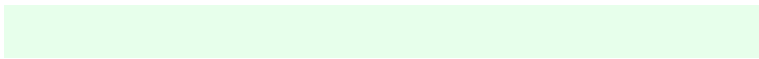
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6397, 0.3166, 0.3530



94.9529, 0.3172, 0.3572



94.4775, 0.3095, 0.3496



20.4632, 0.3166, 0.3532



38.4595, 0.3171, 0.5864



3.8016, 0.3256, 0.5797

Inverse Universe

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



84.1225, 0.3084, 0.3054



81.6548, 0.3077, 0.3013



85.3850, 0.3161, 0.3092



17.9783, 0.3084, 0.3052



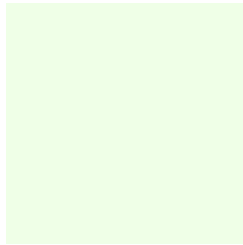
8.3066, 0.2379, 0.1084



0.8687, 0.2475, 0.1137

Previews

White Background



This preview shows how the Yxy color 95.6402, 0.3166, 0.3530 looks on a white background.

Color Contrast Check

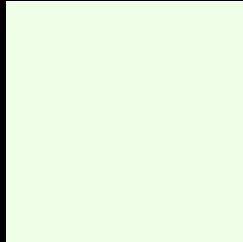
Large Text (above 18pt) WCAG AA × Fail

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 95.6402, 0.3166, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

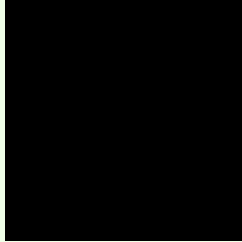
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

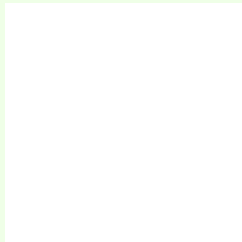
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.6402, 0.3166, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 95.6402, 0.3166, 0.3530.

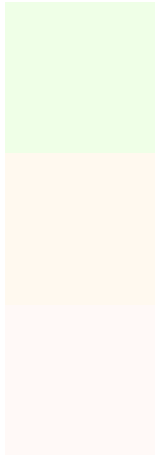


This preview shows how white text looks on a background with the Yxy color 95.6402, 0.3166, 0.3530.

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

95.6402, 0.3166, 0.3530

Protanopia

95.2434, 0.3225, 0.3387

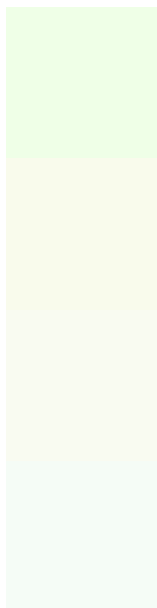
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.6402, 0.3166, 0.3530

Protanomaly

95.1902, 0.3203, 0.3437

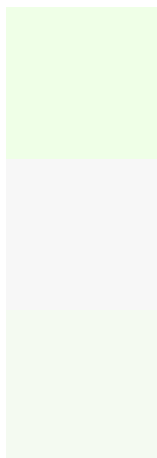
Deuteranomaly

95.4850, 0.3173, 0.3388

Tritanomaly

95.6871, 0.3118, 0.3349

Monochromacy



Original Color

95.6402, 0.3166, 0.3530

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.9552, 0.3142, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6402, 0.3166, 0.3530 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(239, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 231)  
}
```

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(239, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 95.6402, 0.3166, 0.3530 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(239, 255, 231) }
```

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

```
.border{ border-color:rgb(239, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6402, 0.3166, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 231) }
```

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

```
.background{ background-color: rgb(239,  
255, 231) }
```

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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