

Converting Colors

$Y_{xy}(100.0000, 0.3153, 0.3601)$

Have a look what the booklet for
Yxy(100.0000, 0.3153, 0.3601)
contains.

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Color

Yxy(95.2940, 0.3153, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE7
RGB	237, 255, 231
RGB Percent	93%, 100%, 91%
CMY	0.0708, 0.0000, 0.0942
CMYK	0.07, 0.00, 0.09, 0.00
HSL	105°, 100%, 95%
HSV	105°, 9%, 100%
XYZ	85.0926, 95.2940, 89.4916
YIQ	246.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

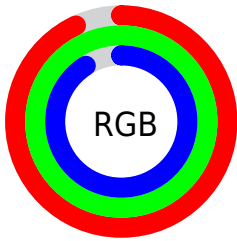
Format	Color
R _Y B	231, 255, 249
Decimal	15597543
CIE Lab	98.15, -10.13, 9.47
CIE LCh	98, 13.869, 136.940
Yxy	95.2940, 0.3153, 0.3531
Android (android.graphics.Color)	4293787623 (0xFFEDFFE7)
YUV	246.8820, -7.8298, -8.6665
Hunter-Lab	97.6186, -15.2371, 13.9791

Details

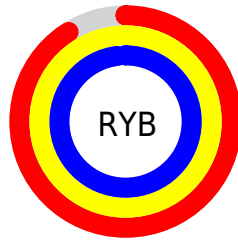
The Yxy color **95.2940, 0.3153, 0.3531** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5042, 0.3098, 0.3055**, and the grayscale version is **92.9612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3071, 0.3161, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **90.8231, 0.3179, 0.3814**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

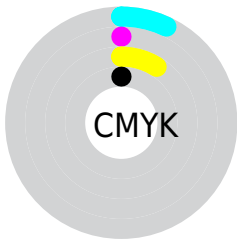
Distribution



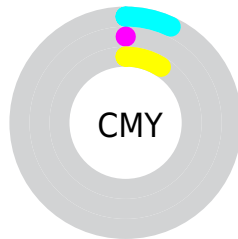
- Red (93%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2940, 0.3153, 0.3531 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 95.2940, 0.3153, 0.3531 by changing the saturation by 10% instead.


 95.2940, 0.3153,
0.3531

 95.2940, 0.3153,
0.3531

545.1058, 0.3142,
0.3423

 72.3797, 0.3155,
0.3555


154.6707, 0.3150,
0.3494

 53.4689, 0.3158,
0.3584


191.9019, 0.3148,
0.3480

 38.1772, 0.3161,
0.3620


234.6742, 0.3147,
0.3467

 26.1203, 0.3164,
0.3667

283.3720, 0.3146,
0.3456

 16.9136, 0.3168,
0.3728

338.3796, 0.3145,
0.3446

 10.1729, 0.3173,
0.3814

400.0815, 0.3144,

 5.5138, 0.3179,

0.3438

0.3941

468.8621, 0.3143,
0.3430

■ 2.5517, 0.3183,
0.4148

■ 0.9025, 0.3329,
0.4923

■ 95.2940, 0.3153,
0.3531

■ 95.2940, 0.3153,
0.3531

■ 90.8231, 0.3179,
0.3814

100.0000, 0.3127,
0.3290

■ 86.9048, 0.3201,
0.4124

■ 83.5075, 0.3217,
0.4452

■ 80.6085, 0.3224,
0.4788

■ 78.1833, 0.3221,
0.5114

■ 76.2052, 0.3205,
0.5409

■ 74.6445, 0.3176,
0.5650

■ 73.4675, 0.3137,
0.5822

■ 72.6295, 0.3092,
0.5924

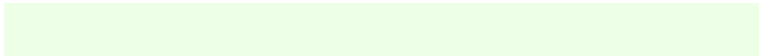
Harmonies

Analogous

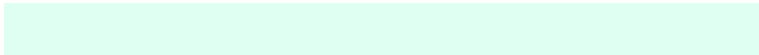
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2940, 0.3299, 0.3558



95.2940, 0.3153, 0.3531



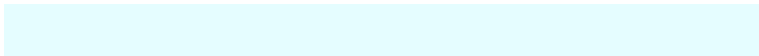
95.2940, 0.3002, 0.3434

Triad

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



95.2940, 0.3153, 0.3531



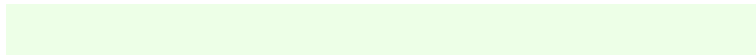
95.2940, 0.2859, 0.3066



95.2940, 0.3372, 0.3276

Complementary

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



95.2940, 0.3153, 0.3531



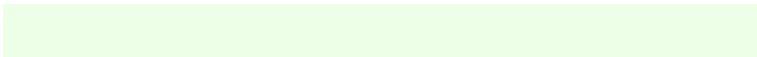
84.5042, 0.3098, 0.3055

Split Complementary

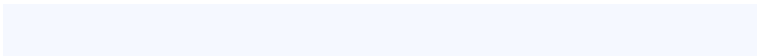
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2940, 0.3249, 0.3152



95.2940, 0.3153, 0.3531



95.2940, 0.2953, 0.3032

Square

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



95.2940, 0.3153, 0.3531



95.2940, 0.2835, 0.3162



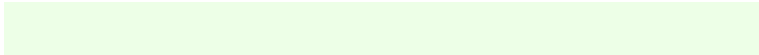
95.2940, 0.3096, 0.3064



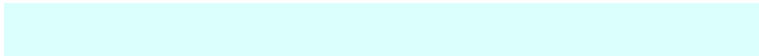
95.2940, 0.3428, 0.3406

Rectangle

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



95.2940, 0.3153, 0.3531



95.2940, 0.2920, 0.3345



95.2940, 0.3096, 0.3064



95.2940, 0.3337, 0.3232

Sweetspot

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



95.2837, 0.3153, 0.3531



98.4430, 0.3135, 0.3364



94.7760, 0.3274, 0.3466



20.9837, 0.3138, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

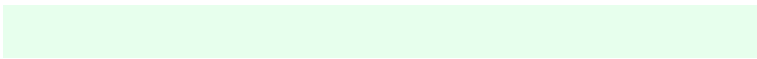
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2837, 0.3153, 0.3531



94.5423, 0.3157, 0.3574



94.6185, 0.3082, 0.3472



20.3861, 0.3153, 0.3533



37.9877, 0.3099, 0.5921



3.7474, 0.3175, 0.5861

Inverse Universe

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



84.5042, 0.3098, 0.3055



82.0926, 0.3093, 0.3014



85.2382, 0.3176, 0.3115



18.0597, 0.3098, 0.3053



9.6767, 0.2586, 0.1198



0.9934, 0.2660, 0.1239

Previews

White Background



This preview shows how the Yxy color 95.2940, 0.3153, 0.3531 looks on a white background.

Color Contrast Check

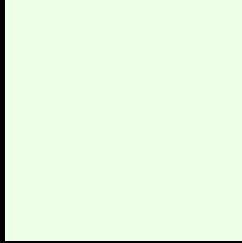
Large Text (above 18pt) WCAG AA × Fail

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 95.2940, 0.3153, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

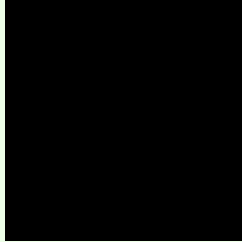
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

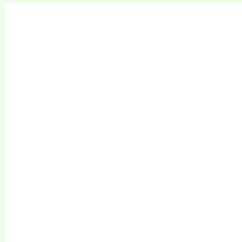
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2940, 0.3153, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 95.2940, 0.3153, 0.3531.

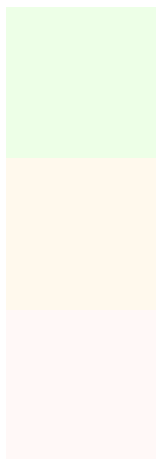


This preview shows how white text looks on a background with the Yxy color 95.2940, 0.3153, 0.3531.

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

95.2940, 0.3153, 0.3531

Protanopia

95.1258, 0.3237, 0.3407

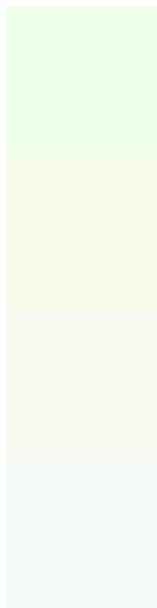
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.2940, 0.3153, 0.3531

Protanomaly

94.9490, 0.3202, 0.3447

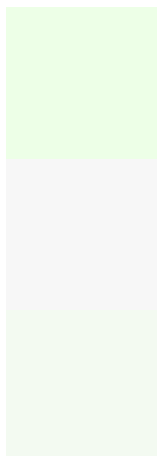
Deuteranomaly

95.3017, 0.3167, 0.3388

Tritanomaly

94.8813, 0.3112, 0.3339

Monochromacy



Original Color

95.2940, 0.3153, 0.3531

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7768, 0.3136, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2940, 0.3153, 0.3531 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(237, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 95.2940, 0.3153, 0.3531 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(237, 255, 231) }
```

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

```
.border{ border-color:rgb(237, 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(237, 255, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2940, 0.3153, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 231) }
```

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

```
.background{ background-color: rgb(237,  
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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