

Converting Colors

$Y_{xy}(100.0000, 0.3135, 0.3537)$

Have a look what the booklet for
Yxy(100.0000, 0.3135, 0.3537)
contains.

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Color

Yxy(95.9269, 0.3137, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFEC
RGB	239, 255, 236
RGB Percent	94%, 100%, 93%
CMY	0.0627, 0.0000, 0.0745
CMYK	0.06, 0.00, 0.07, 0.00
HSL	110°, 100%, 96%
HSV	110°, 7%, 100%
XYZ	86.4969, 95.9269, 93.3075
YIQ	248.0500, -3.4370, -9.3010

Conversions

Conversions Part 2

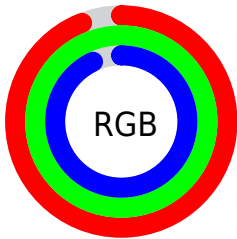
Format	Color
R _Y B	236, 255, 252
Decimal	15728620
CIE Lab	98.40, -8.58, 7.28
CIE LCh	98, 11.254, 139.704
Yxy	95.9269, 0.3137, 0.3479
Android (android.graphics.Color)	4293918700 (0xFFEFFFEC)
YUV	248.0500, -5.9407, -7.9369
Hunter-Lab	97.9423, -13.7582, 12.0753

Details

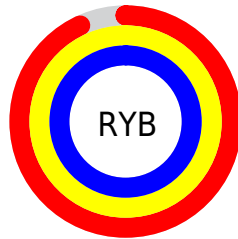
The Yxy color 95.9269, 0.3137, 0.3479 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9005, 0.3116, 0.3106, and the grayscale version is 93.9639, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7507, 0.3140, 0.3519 is the 20% darker color. If you saturate the color by 10%, you get 91.0332, 0.3149, 0.3760, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

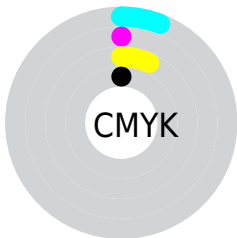
Distribution



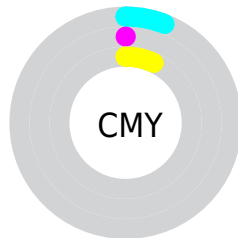
- Red (94%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.9269, 0.3137, 0.3479 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 95.9269, 0.3137, 0.3479 by changing the saturation by 10% instead.

 95.9269, 0.3137,
0.3479

 95.9269, 0.3137,
0.3479


547.1281, 0.3133,
0.3395

 72.9067, 0.3138,
0.3498

155.5445, 0.3136,
0.3450

 53.8997, 0.3139,
0.3520


192.9107, 0.3135,
0.3439

 38.5214, 0.3139,
0.3548


235.8277, 0.3135,
0.3429

 26.3876, 0.3140,
0.3584

284.6799, 0.3134,
0.3421

 17.1139, 0.3142,
0.3632

339.8516, 0.3134,
0.3413

 10.3157, 0.3143,
0.3698

401.7273, 0.3134,

 5.6088, 0.3143,

0.3406

0.3795

470.6913, 0.3134,
0.3400

■ 2.6087, 0.3141,
0.3953

■ 0.9310, 0.3198,
0.4413

■ 95.9269, 0.3137,
0.3479

■ 95.9269, 0.3137,
0.3479

■ 91.0332, 0.3149,
0.3760

100.0000, 0.3127,
0.3290

■ 86.7698, 0.3157,
0.4070

■ 83.1111, 0.3162,
0.4405

■ 80.0296, 0.3160,
0.4751

■ 77.4952, 0.3151,
0.5091

■ 75.4753, 0.3134,
0.5403

■ 73.9337, 0.3109,
0.5661

■ 72.8292, 0.3079,
0.5846

■ 72.1120, 0.3046,
0.5950

Harmonies

Analogous

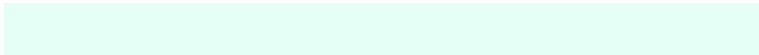
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9269, 0.3257, 0.3507



95.9269, 0.3137, 0.3479



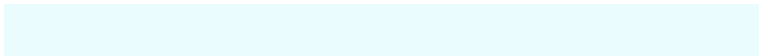
95.9269, 0.3016, 0.3397

Triad

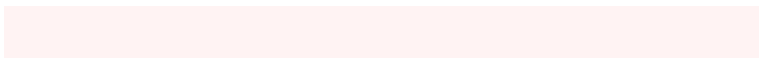
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9269, 0.3137, 0.3479



95.9269, 0.2914, 0.3104



95.9269, 0.3332, 0.3289

Complementary

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



95.9269, 0.3137, 0.3479



87.9005, 0.3116, 0.3106

Split Complementary

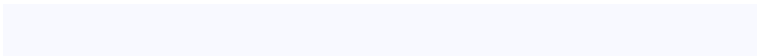
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9269, 0.3237, 0.3186



95.9269, 0.3137, 0.3479



95.9269, 0.2996, 0.3080

Square

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



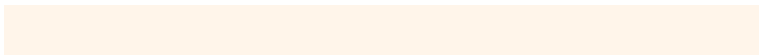
95.9269, 0.3137, 0.3479



95.9269, 0.2889, 0.3178



95.9269, 0.3114, 0.3111



95.9269, 0.3371, 0.3394

Rectangle

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



95.9269, 0.3137, 0.3479



95.9269, 0.2951, 0.3324



95.9269, 0.3114, 0.3111



95.9269, 0.3306, 0.3253

Sweetspot

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



95.9274, 0.3137, 0.3479



98.8709, 0.3130, 0.3339



96.8313, 0.3241, 0.3443



21.1743, 0.3130, 0.3337



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.



95.9274, 0.3137, 0.3479



95.1283, 0.3139, 0.3520



95.7824, 0.3082, 0.3416



20.3063, 0.3140, 0.3534



37.6513, 0.3046, 0.5964



3.7038, 0.3107, 0.5915

Inverse Universe

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



87.9005, 0.3116, 0.3106



85.5382, 0.3113, 0.3067



88.0659, 0.3175, 0.3167



18.1461, 0.3112, 0.3054



11.3442, 0.2811, 0.1322



1.1419, 0.2859, 0.1348

Previews

White Background



This preview shows how the Yxy color 95.9269, 0.3137, 0.3479 looks on a white background.

Color Contrast Check

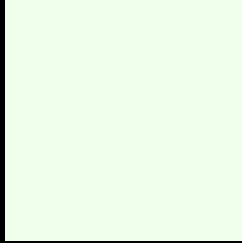
Large Text (above 18pt) WCAG AA × Fail

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 95.9269, 0.3137, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

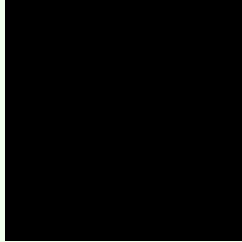
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

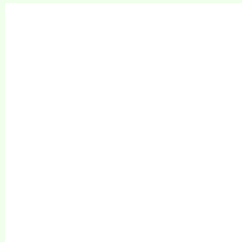
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9269, 0.3137, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 95.9269, 0.3137, 0.3479.

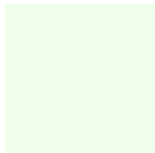


This preview shows how white text looks on a background with the Yxy color 95.9269, 0.3137, 0.3479.

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

95.9269, 0.3137, 0.3479



Protanopia

95.9821, 0.3212, 0.3377

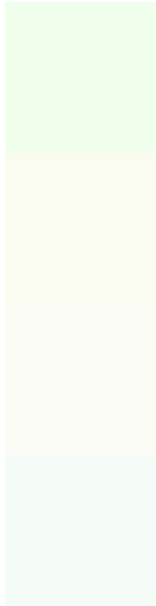
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.9269, 0.3137, 0.3479

Protanomaly

95.9925, 0.3184, 0.3417

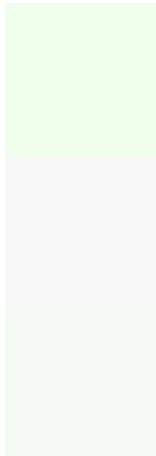
Deuteranomaly

95.6658, 0.3156, 0.3358

Tritanomaly

95.8106, 0.3107, 0.3329

Monochromacy



Original Color

95.9269, 0.3137, 0.3479

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.9385, 0.3130, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9269, 0.3137, 0.3479 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 95.9269, 0.3137, 0.3479 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, 236) }
```

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

```
.border{ border-color:rgb(239, 255, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9269, 0.3137, 0.3479 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, 236) }
```

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

```
.background{ background-color: rgb(239,  
255, 236) }
```

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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