

Converting Colors

$Yxy(96.0051, 0.3171, 0.3518)$

Have a look what the booklet for
Yxy(96.0051, 0.3171, 0.3518)
contains.

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Color

Yxy(96.0470, 0.3173, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE8
RGB	241, 255, 232
RGB Percent	95%, 100%, 91%
CMY	0.0548, 0.0000, 0.0903
CMYK	0.05, 0.00, 0.09, 0.00
HSL	96°, 100%, 95%
HSV	96°, 9%, 100%
XYZ	86.6033, 96.0470, 90.2880
YIQ	248.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

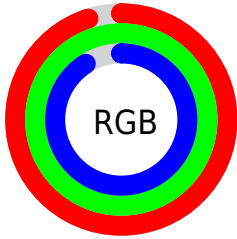
Format	Color
R _Y B	232, 255, 246
Decimal	15859688
CIE Lab	98.45, -8.59, 9.43
CIE LCh	98, 12.758, 132.326
Yxy	96.0470, 0.3173, 0.3519
Android (android.graphics.Color)	4294049768 (0xFFFF1FFE8)
YUV	248.1920, -7.9827, -6.3074
Hunter-Lab	98.0036, -13.7702, 13.9802

Details

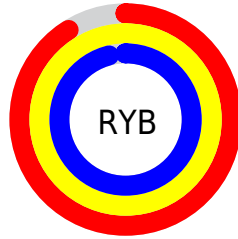
The Yxy color 96.0470, 0.3173, 0.3519 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.4920, 0.3077, 0.3063, and the grayscale version is 94.1045, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8370, 0.3185, 0.3570 is the 20% darker color. If you saturate the color by 10%, you get 92.0971, 0.3222, 0.3796, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

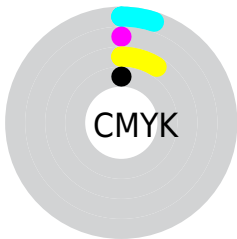
Distribution



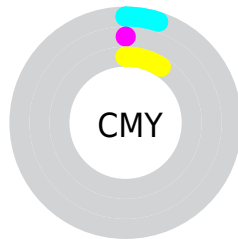
- Red (95%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.0470, 0.3173, 0.3519 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 96.0470, 0.3173, 0.3519 by changing the saturation by 10% instead.


 96.0470, 0.3173,
0.3519

 96.0470, 0.3173,
0.3519

547.5114, 0.3154,
0.3417

 73.0067, 0.3177,
0.3542


155.7103, 0.3167,
0.3484

 53.9814, 0.3182,
0.3569


193.1021, 0.3164,
0.3471

 38.5868, 0.3188,
0.3603


236.0464, 0.3162,
0.3459

 26.4385, 0.3195,
0.3647

284.9278, 0.3160,
0.3448

 17.1519, 0.3204,
0.3704

340.1306, 0.3158,
0.3439

 10.3429, 0.3216,
0.3784

402.0392, 0.3156,

 5.6269, 0.3232,

0.3431

0.3902

471.0380, 0.3155,
0.3423

■ 2.6196, 0.3254,
0.4093

■ 0.9365, 0.3440,
0.4741

■ 96.0470, 0.3173,
0.3519

■ 96.0470, 0.3173,
0.3519

■ 92.0971, 0.3222,
0.3796

100.0000, 0.3127,
0.3290

■ 88.5709, 0.3268,
0.4094

■ 85.4557, 0.3307,
0.4407

■ 82.7348, 0.3335,
0.4724

■ 80.3903, 0.3349,
0.5030

■ 78.4026, 0.3345,
0.5307

■ 76.7499, 0.3322,
0.5537

■ 75.4074, 0.3281,
0.5707

■ 74.3415, 0.3226,
0.5816

Harmonies

Analogous

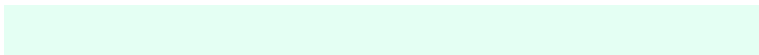
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0470, 0.3303, 0.3533



96.0470, 0.3173, 0.3519



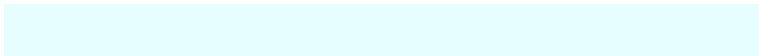
96.0470, 0.3033, 0.3439

Triad

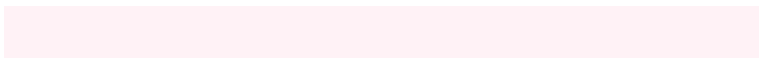
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0470, 0.3173, 0.3519



96.0470, 0.2873, 0.3095



96.0470, 0.3338, 0.3259

Complementary

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



96.0470, 0.3173, 0.3519



84.4920, 0.3077, 0.3063

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.



96.0470, 0.3219, 0.3148



96.0470, 0.3173, 0.3519



96.0470, 0.2951, 0.3054

Square

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



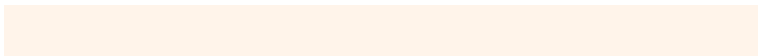
96.0470, 0.3173, 0.3519



96.0470, 0.2862, 0.3191



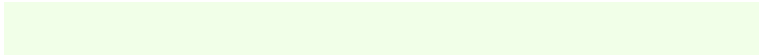
96.0470, 0.3077, 0.3074



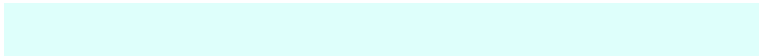
96.0470, 0.3400, 0.3380

Rectangle

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



96.0470, 0.3173, 0.3519



96.0470, 0.2952, 0.3360



96.0470, 0.3077, 0.3074



96.0470, 0.3303, 0.3219

Sweetspot

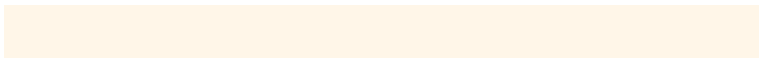
The Sweet Spot groups the original color and five complimentary colors.



96.0498, 0.3173, 0.3519



98.6477, 0.3142, 0.3364



92.8645, 0.3271, 0.3425



21.0388, 0.3146, 0.3384



0.0000, 0.0000, 0.0000



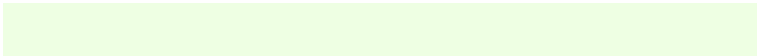
21.4041, 0.3127, 0.3290

Same Dimension

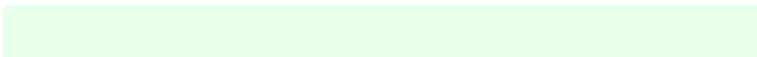
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0498, 0.3173, 0.3519



95.2386, 0.3183, 0.3572



94.6251, 0.3103, 0.3499



20.5168, 0.3175, 0.3531



38.8775, 0.3232, 0.5816



3.8465, 0.3320, 0.5746

Inverse Universe

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



84.4920, 0.3077, 0.3063



81.3569, 0.3065, 0.3012



86.0238, 0.3152, 0.3089



17.9228, 0.3075, 0.3051



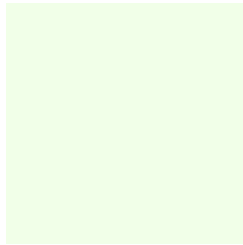
7.4843, 0.2244, 0.1010



0.7921, 0.2352, 0.1069

Previews

White Background



This preview shows how the Yxy color 96.0470, 0.3173, 0.3519 looks on a white background.

Color Contrast Check

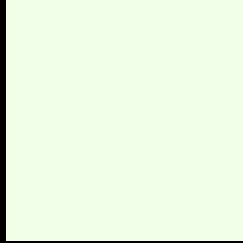
Large Text (above 18pt) WCAG AA × Fail

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 96.0470, 0.3173, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

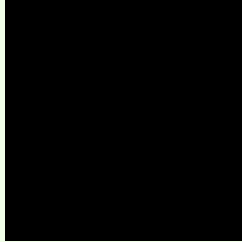
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

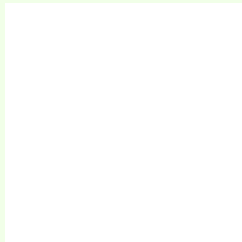
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.0470, 0.3173, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 96.0470, 0.3173, 0.3519.

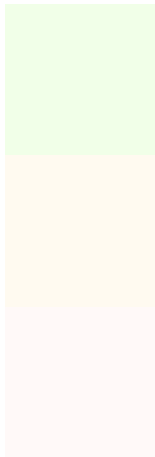


This preview shows how white text looks on a background with the Yxy color 96.0470, 0.3173, 0.3519.

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

96.0470, 0.3173, 0.3519

Protanopia

95.9225, 0.3218, 0.3387

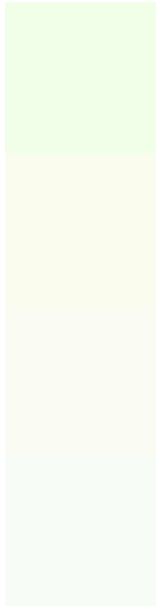
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

96.0470, 0.3173, 0.3519

Protanomaly

96.0592, 0.3203, 0.3437

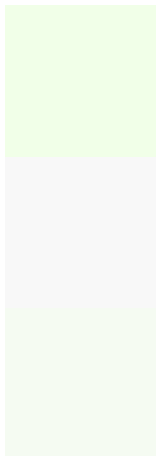
Deuteranomaly

95.7292, 0.3174, 0.3378

Tritanomaly

96.1104, 0.3125, 0.3339

Monochromacy



Original Color

96.0470, 0.3173, 0.3519

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.8176, 0.3142, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0470, 0.3173, 0.3519 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(241, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 96.0470, 0.3173, 0.3519 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(241, 255, 232) }
```

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

```
.border{ border-color:rgb(241, 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(241, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0470, 0.3173, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 232) }
```

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

```
.background{ background-color: rgb(241,  
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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