

Converting Colors

$Yxy(96.4137, 0.3186, 0.3518)$

Have a look what the booklet for
Yxy(96.4137, 0.3186, 0.3518)
contains.

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Color

Yxy(96.4009, 0.3185, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFE8
RGB	243, 255, 232
RGB Percent	95%, 100%, 91%
CMY	0.0472, 0.0000, 0.0902
CMYK	0.05, 0.00, 0.09, 0.00
HSL	91°, 100%, 95%
HSV	91°, 9%, 100%
XYZ	87.2760, 96.4009, 90.3450
YIQ	248.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

Format	Color
R_{YB}	232, 255, 244
Decimal	15990760
CIE _{Lab}	98.59, -7.94, 9.63
CIE _{LCh}	99, 12.487, 129.506
Yxy	96.4009, 0.3185, 0.3518
Android (android.graphics.Color)	4294180840 (0xFFFF3FFE8)
YUV	248.7900, -8.2775, -5.0778
Hunter-Lab	98.1840, -13.1528, 14.1724

Details

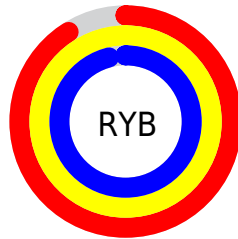
The Yxy color 96.4009, 0.3185, 0.3518 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.1688, 0.3065, 0.3063, and the grayscale version is 94.6072, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0876, 0.3201, 0.3569 is the 20% darker color. If you saturate the color by 10%, you get 92.7594, 0.3248, 0.3791, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

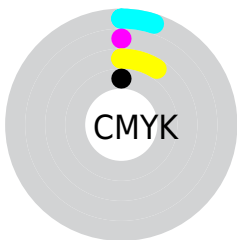
Distribution



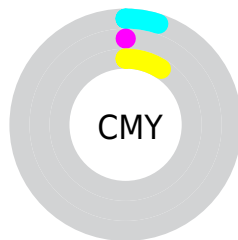
- Red (95%)
- Green (100%)
- Blue (91%)



- 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 96.4009, 0.3185, 0.3518 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 96.4009, 0.3185, 0.3518 by changing the saturation by 10% instead.


 96.4009, 0.3185,
0.3518

 96.4009, 0.3185,
0.3518


548.6401, 0.3160,
0.3416

 73.3015, 0.3190,
0.3540


156.1986, 0.3177,
0.3483

 54.2225, 0.3197,
0.3568


193.6657, 0.3173,
0.3470

 38.7796, 0.3204,
0.3601


236.6907, 0.3171,
0.3458

 26.5883, 0.3214,
0.3645

285.6582, 0.3168,
0.3448

 17.2643, 0.3226,
0.3702

340.9525, 0.3166,
0.3438

 10.4231, 0.3242,
0.3781

402.9580, 0.3164,

 5.6804, 0.3263,

0.3430

0.3897

472.0591, 0.3162,
0.3423

■ 2.6517, 0.3294,
0.4084

■ 0.9527, 0.3507,
0.4705

■ 96.4009, 0.3185,
0.3518

■ 96.4009, 0.3185,
0.3518

■ 92.7594, 0.3248,
0.3791

100.0000, 0.3127,
0.3290

■ 89.4958, 0.3308,
0.4084

■ 86.5889, 0.3361,
0.4387

■ 84.0243, 0.3402,
0.4692

■ 81.7867, 0.3428,
0.4985

■ 79.8589, 0.3434,
0.5248

■ 78.2221, 0.3418,
0.5467

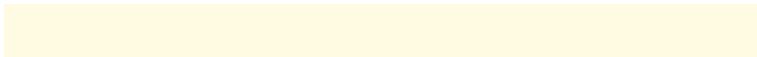
■ 76.8544, 0.3381,
0.5630

■ 75.7253, 0.3327,
0.5736

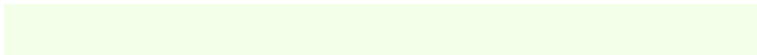
Harmonies

Analogous

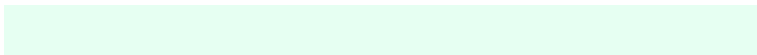
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4009, 0.3309, 0.3526



96.4009, 0.3185, 0.3518



96.4009, 0.3047, 0.3445

Triad

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



96.4009, 0.3185, 0.3518



96.4009, 0.2875, 0.3106



96.4009, 0.3324, 0.3248

Complementary

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



96.4009, 0.3185, 0.3518



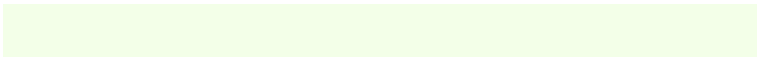
84.1688, 0.3065, 0.3063

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.



96.4009, 0.3204, 0.3142



96.4009, 0.3185, 0.3518



96.4009, 0.2945, 0.3060

Square

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



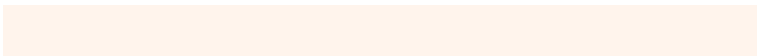
96.4009, 0.3185, 0.3518



96.4009, 0.2870, 0.3204



96.4009, 0.3065, 0.3074



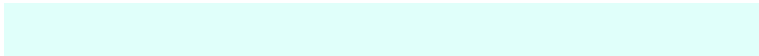
96.4009, 0.3391, 0.3367

Rectangle

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



96.4009, 0.3185, 0.3518



96.4009, 0.2966, 0.3370



96.4009, 0.3065, 0.3074



96.4009, 0.3289, 0.3210

Sweetspot

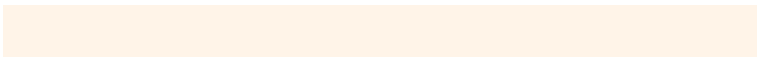
The Sweet Spot groups the original color and five complimentary colors.



96.3933, 0.3185, 0.3518



98.7656, 0.3146, 0.3364



91.7151, 0.3273, 0.3407



21.0706, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

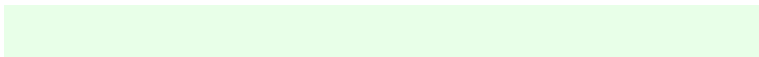
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3933, 0.3185, 0.3518



95.6446, 0.3198, 0.3570



94.5224, 0.3114, 0.3519



20.5928, 0.3188, 0.3531



39.6029, 0.3333, 0.5735



3.9205, 0.3420, 0.5667

Inverse Universe

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



84.1688, 0.3065, 0.3063



80.9427, 0.3050, 0.3011



86.1649, 0.3140, 0.3072



17.8455, 0.3061, 0.3050



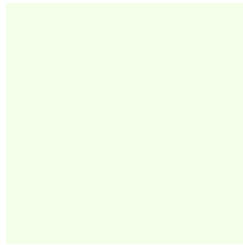
6.4872, 0.2067, 0.0912



0.6967, 0.2187, 0.0979

Previews

White Background



This preview shows how the Yxy color 96.4009, 0.3185, 0.3518 looks on a white background.

Color Contrast Check

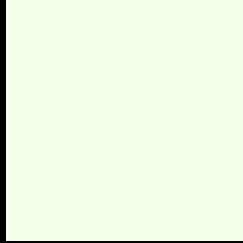
Large Text (above 18pt) WCAG AA × Fail

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 96.4009, 0.3185, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

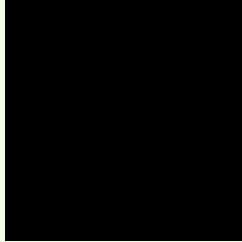
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

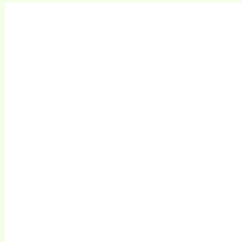
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.4009, 0.3185, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 96.4009, 0.3185, 0.3518.



This preview shows how white text looks on a background with the Yxy color 96.4009, 0.3185, 0.3518.

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

96.4009, 0.3185, 0.3518

Protanopia

96.0420, 0.3206, 0.3367

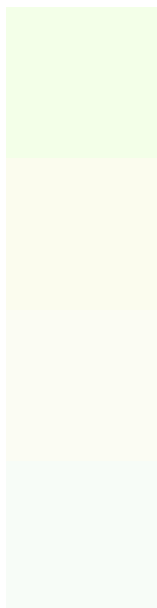
Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.4009, 0.3185, 0.3518

Protanomaly

96.3031, 0.3203, 0.3426

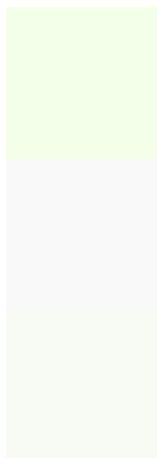
Deuteranomaly

96.6011, 0.3174, 0.3377

Tritanomaly

96.1104, 0.3125, 0.3339

Monochromacy



Original Color

96.4009, 0.3185, 0.3518

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.2396, 0.3149, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4009, 0.3185, 0.3518 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(243, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 96.4009, 0.3185, 0.3518 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(243, 255, 232) }
```

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

```
.border{ border-color:rgb(243, 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(243, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4009, 0.3185, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 232) }
```

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

```
.background{ background-color: rgb(243,  
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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