

Converting Colors

Yxy(96.6138, 0.3199, 0.3525)

Have a look what the booklet for
Yxy(96.6138, 0.3199, 0.3525)
contains.

Yxy(96.5226, 0.3197, 0.3527)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.5226, 0.3197, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFE7
RGB	244, 255, 231
RGB Percent	96%, 100%, 91%
CMY	0.0432, 0.0000, 0.0939
CMYK	0.04, 0.00, 0.09, 0.00
HSL	88°, 100%, 95%
HSV	88°, 9%, 100%
XYZ	87.4916, 96.5226, 89.6535
YIQ	248.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

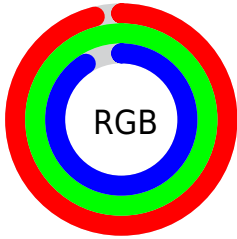
Format	Color
R_{YB}	231, 255, 242
Decimal	16056295
CIE _{Lab}	98.64, -7.75, 10.20
CIE _{LCh}	99, 12.810, 127.239
Yxy	96.5226, 0.3197, 0.3527
Android (android.graphics.Color)	4294246375 (0xFFFF4FFE7)
YUV	248.9750, -8.8617, -4.3631
Hunter-Lab	98.2459, -12.9696, 14.6675

Details

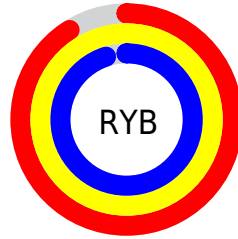
The Yxy color 96.5226, 0.3197, 0.3527 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.2867, 0.3052, 0.3052, and the grayscale version is 94.7818, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1747, 0.3217, 0.3581 is the 20% darker color. If you saturate the color by 10%, you get 93.1517, 0.3271, 0.3799, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

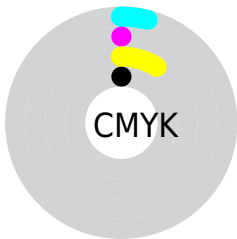
Distribution



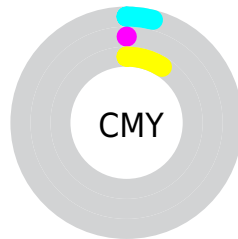
- Red (96%)
- Green (100%)
- Blue (91%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5226, 0.3197, 0.3527 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 96.5226, 0.3197, 0.3527 by changing the saturation by 10% instead.


 96.5226, 0.3197,
0.3527

 96.5226, 0.3197,
0.3527


549.0280, 0.3167,
0.3421

 73.4029, 0.3203,
0.3550


156.3665, 0.3187,
0.3491

 54.3055, 0.3211,
0.3578


193.8594, 0.3183,
0.3477

 38.8459, 0.3220,
0.3614

236.9122, 0.3179,
0.3465

 26.6399, 0.3232,
0.3659

285.9093, 0.3176,
0.3454

 17.3030, 0.3247,
0.3718

341.2350, 0.3174,
0.3444

 10.4507, 0.3267,
0.3800

403.2738, 0.3171,

 5.6988, 0.3293,

0.3436

0.3920

472.4100, 0.3169,
0.3428

■ 2.6628, 0.3332,
0.4114

■ 0.9583, 0.3587,
0.4776

■ 96.5226, 0.3197,
0.3527

■ 96.5226, 0.3197,
0.3527

■ 93.1517, 0.3271,
0.3799

100.0000, 0.3127,
0.3290

■ 90.1137, 0.3341,
0.4087

■ 87.3955, 0.3404,
0.4384

■ 84.9840, 0.3456,
0.4679

■ 82.8649, 0.3491,
0.4959

■ 81.0227, 0.3505,
0.5210

■ 79.4398, 0.3496,
0.5417

■ 78.0957, 0.3463,
0.5570

■ 76.9608, 0.3412,
0.5670

Harmonies

Analogous

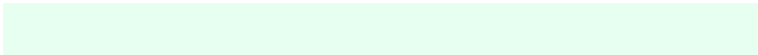
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5226, 0.3322, 0.3530



96.5226, 0.3197, 0.3527



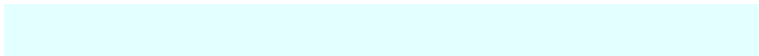
96.5226, 0.3056, 0.3457

Triad

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



96.5226, 0.3197, 0.3527



96.5226, 0.2866, 0.3107



96.5226, 0.3321, 0.3238

Complementary

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



96.5226, 0.3197, 0.3527



83.2867, 0.3052, 0.3052

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.



96.5226, 0.3195, 0.3132



96.5226, 0.3197, 0.3527



96.5226, 0.2933, 0.3056

Square

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



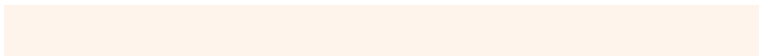
96.5226, 0.3197, 0.3527



96.5226, 0.2866, 0.3210



96.5226, 0.3053, 0.3065



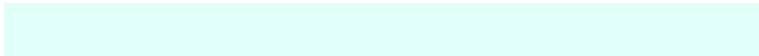
96.5226, 0.3395, 0.3360

Rectangle

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



96.5226, 0.3197, 0.3527



96.5226, 0.2971, 0.3382



96.5226, 0.3053, 0.3065



96.5226, 0.3284, 0.3200

Sweetspot

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



96.5217, 0.3197, 0.3527



98.8556, 0.3149, 0.3364



90.4325, 0.3281, 0.3396



21.0949, 0.3155, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

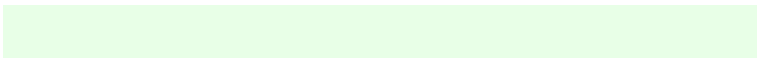
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5217, 0.3197, 0.3527



95.9575, 0.3209, 0.3569



94.4888, 0.3123, 0.3532



20.6512, 0.3198, 0.3530



40.2700, 0.3420, 0.5666



3.9860, 0.3503, 0.5601

Inverse Universe

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



83.2867, 0.3052, 0.3052



80.6306, 0.3038, 0.3010



85.4313, 0.3130, 0.3058



17.7871, 0.3051, 0.3049



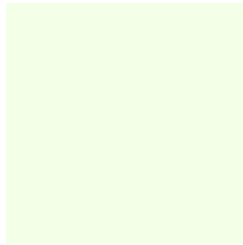
5.8465, 0.1946, 0.0845



0.6333, 0.2070, 0.0914

Previews

White Background



This preview shows how the Yxy color 96.5226, 0.3197, 0.3527 looks on a white background.

Color Contrast Check

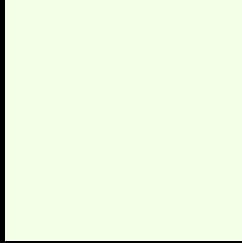
Large Text (above 18pt) WCAG AA × Fail

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 96.5226, 0.3197, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

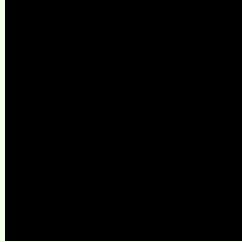
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

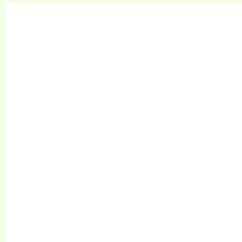
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.5226, 0.3197, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 96.5226, 0.3197, 0.3527.



This preview shows how white text looks on a background with the Yxy color 96.5226, 0.3197, 0.3527.

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

96.5226, 0.3197, 0.3527



Protanopia

96.6652, 0.3206, 0.3377

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

96.5226, 0.3197, 0.3527

Protanomaly

96.3031, 0.3203, 0.3426

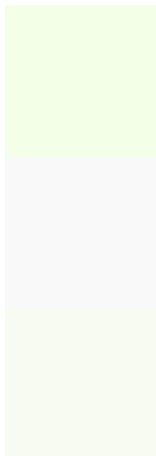
Deuteranomaly

96.5408, 0.3179, 0.3387

Tritanomaly

96.2311, 0.3137, 0.3348

Monochromacy



Original Color

96.5226, 0.3197, 0.3527

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1793, 0.3155, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5226, 0.3197, 0.3527 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(244, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 96.5226, 0.3197, 0.3527 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(244, 255, 231) }
```

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

```
.border{ border-color:rgb(244, 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(244, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5226, 0.3197, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 231) }
```

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

```
.background{ background-color: rgb(244,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor