

Converting Colors

$Yxy(98.1746, 0.3136, 0.3376)$

Have a look what the booklet for
Yxy(98.1746, 0.3136, 0.3376)
contains.

Yxy(98.1303, 0.3135, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(98.1303, 0.3135, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFF6
RGB	248, 255, 246
RGB Percent	97%, 100%, 96%
CMY	0.0276, 0.0000, 0.0352
CMYK	0.03, 0.00, 0.04, 0.00
HSL	107°, 100%, 98%
HSV	107°, 4%, 100%
XYZ	91.0982, 98.1303, 101.3558
YIQ	251.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

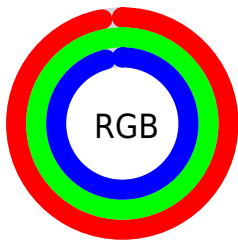
Format	Color
R _Y B	246, 255, 253
Decimal	16318454
CIE Lab	99.27, -3.89, 3.46
CIE LCh	99, 5.207, 138.284
Yxy	98.1303, 0.3135, 0.3377
Android (android.graphics.Color)	4294508534 (0xFF8FF6)
YUV	251.8810, -2.8993, -3.4036
Hunter-Lab	99.0607, -9.2043, 8.6789

Details

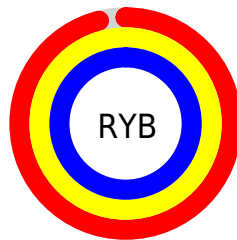
The Yxy color 98.1303, 0.3135, 0.3377 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.0509, 0.3119, 0.3204, and the grayscale version is 97.2574, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.3123, 0.3138, 0.3389 is the 20% darker color. If you saturate the color by 10%, you get 93.1964, 0.3156, 0.3644, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

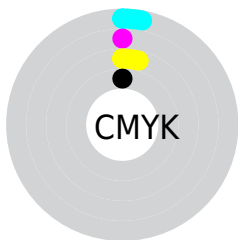
Distribution



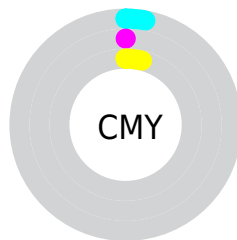
- Red (97%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.1303, 0.3135, 0.3377 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 98.1303, 0.3135, 0.3377 by changing the saturation by 10% instead.


 98.1303, 0.3135,
0.3377

 98.1303, 0.3135,
0.3377

554.1385, 0.3132,
0.3339

 74.7430, 0.3136,
0.3385


158.5822, 0.3134,
0.3364

 55.4024, 0.3137,
0.3395


196.4157, 0.3133,
0.3359

 39.7240, 0.3138,
0.3408


239.8334, 0.3133,
0.3354

 27.3234, 0.3139,
0.3424

289.2196, 0.3133,
0.3351

 17.8163, 0.3140,
0.3445

344.9589, 0.3132,
0.3347

 10.8182, 0.3142,
0.3473

407.4355, 0.3132,

 5.9447, 0.3145,

0.3344

0.3515

477.0339, 0.3132,
0.3341

■ 2.8115, 0.3149,
0.3581

■ 1.0341, 0.3158,
0.3705

■ 98.1303, 0.3135,
0.3377

■ 98.1303, 0.3135,
0.3377

■ 93.1964, 0.3156,
0.3644

100.0000, 0.3127,
0.3290

■ 88.8544, 0.3175,
0.3941

■ 85.0762, 0.3190,
0.4262

■ 81.8383, 0.3198,
0.4599

■ 79.1151, 0.3198,
0.4938

■ 76.8793, 0.3187,
0.5258

■ 75.1007, 0.3165,
0.5536

■ 73.7454, 0.3133,
0.5751

■ 72.7743, 0.3093,
0.5891

Harmonies

Analogous

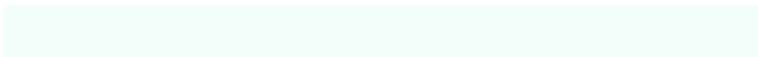
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.1303, 0.3189, 0.3389



98.1303, 0.3135, 0.3377



98.1303, 0.3079, 0.3341

Triad

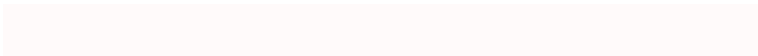
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



98.1303, 0.3135, 0.3377



98.1303, 0.3028, 0.3206



98.1303, 0.3219, 0.3288

Complementary

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



98.1303, 0.3135, 0.3377



94.0509, 0.3119, 0.3204

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.



98.1303, 0.3175, 0.3240



98.1303, 0.3135, 0.3377



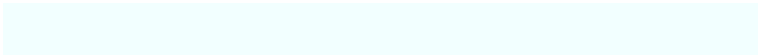
98.1303, 0.3065, 0.3193

Square

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



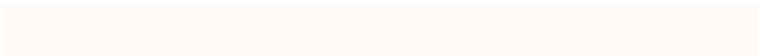
98.1303, 0.3135, 0.3377



98.1303, 0.3017, 0.3242



98.1303, 0.3119, 0.3205



98.1303, 0.3239, 0.3337

Rectangle

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



98.1303, 0.3135, 0.3377



98.1303, 0.3048, 0.3309



98.1303, 0.3119, 0.3205



98.1303, 0.3207, 0.3271

Sweetspot

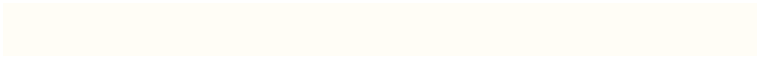
The Sweet Spot groups the original color and five complimentary colors.



98.1245, 0.3135, 0.3377



99.4588, 0.3129, 0.3314



98.2031, 0.3180, 0.3357



21.2940, 0.3129, 0.3313



0.0000, 0.0000, 0.0000



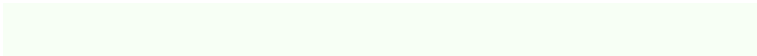
21.4041, 0.3127, 0.3290

Same Dimension

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



98.1245, 0.3135, 0.3377



97.8718, 0.3136, 0.3389



97.9324, 0.3109, 0.3352



20.8652, 0.3138, 0.3408



37.8415, 0.3076, 0.5940



3.7293, 0.3147, 0.5883

Inverse Universe

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



94.0509, 0.3119, 0.3204



93.2518, 0.3118, 0.3192



94.2508, 0.3146, 0.3229



19.6964, 0.3116, 0.3173



10.2834, 0.2671, 0.1245



1.0478, 0.2735, 0.1280

Previews

White Background



This preview shows how the Yxy color 98.1303, 0.3135, 0.3377 looks on a white background.

Color Contrast Check

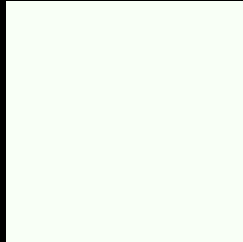
Large Text (above 18pt) WCAG AA × Fail

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 98.1303, 0.3135, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

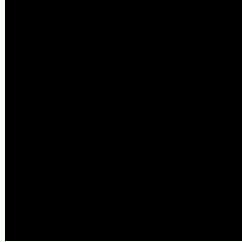
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.1303, 0.3135, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 98.1303, 0.3135, 0.3377.



This preview shows how white text looks on a background with the Yxy color 98.1303, 0.3135, 0.3377.

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

98.1303, 0.3135, 0.3377



Protanopia

97.7829, 0.3158, 0.3309

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

98.3532, 0.3116, 0.3271

Trichromacy



Original Color

98.1303, 0.3135, 0.3377

Protanomaly

97.7856, 0.3144, 0.3328

Deuteranomaly

97.8481, 0.3138, 0.3319

Tritanomaly

98.4211, 0.3120, 0.3309

Monochromacy



Original Color

98.1303, 0.3135, 0.3377



Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.6619, 0.3132, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.1303, 0.3135, 0.3377 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(248, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 246)  
}
```

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(248, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 98.1303, 0.3135, 0.3377 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(248, 255, 246) }
```

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

```
.border{ border-color:rgb(248, 255, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 98.1303, 0.3135, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 246) }
```

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

```
.background{ background-color: rgb(248,  
255, 246) }
```

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