

Converting Colors

$Yxy(97.9855, 0.3102, 0.3342)$

Have a look what the booklet for
Yxy(97.9855, 0.3102, 0.3342)
contains.

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Color

Yxy(98.0150, 0.3100, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFFA
RGB	246, 255, 250
RGB Percent	96%, 100%, 98%
CMY	0.0353, 0.0000, 0.0195
CMYK	0.04, 0.00, 0.02, 0.00
HSL	147°, 100%, 98%
HSV	147°, 4%, 100%
XYZ	91.0265, 98.0150, 104.5924
YIQ	251.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

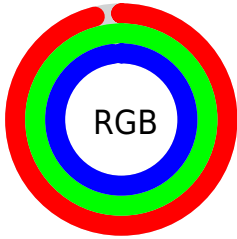
Format	Color
R _Y B	246, 252, 255
Decimal	16187386
CIE Lab	99.23, -3.82, 1.33
CIE LCh	99, 4.046, 160.808
Yxy	98.0150, 0.3100, 0.3338
Android (android.graphics.Color)	4294377466 (0xFF6FFFA)
YUV	251.7390, -0.8573, -5.0331
Hunter-Lab	99.0025, -9.1350, 6.6641

Details

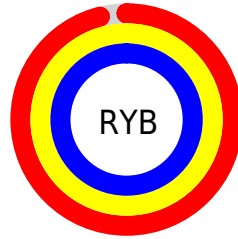
The Yxy color 98.0150, 0.3100, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.1373, 0.3155, 0.3242, and the grayscale version is 97.1299, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.2304, 0.3094, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 92.8687, 0.3024, 0.3485, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

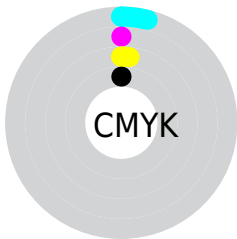
Distribution



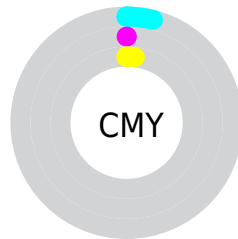
- Red (96%)
- Green (100%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.0150, 0.3100, 0.3338 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 98.0150, 0.3100, 0.3338 by changing the saturation by 10% instead.


 98.0150, 0.3100,
0.3338

 98.0150, 0.3100,
0.3338

553.7728, 0.3112,
0.3317

 74.6469, 0.3097,
0.3343

158.4234, 0.3104,
0.3331

 55.3237, 0.3094,
0.3348

196.2326, 0.3106,
0.3328

 39.6609, 0.3090,
0.3355


239.6242, 0.3107,
0.3326

 27.2743, 0.3085,
0.3364

288.9826, 0.3108,
0.3323

 17.7793, 0.3079,
0.3375

344.6923, 0.3109,
0.3322

 10.7917, 0.3070,
0.3391

407.1376, 0.3110,

 5.9269, 0.3057,

0.3320

0.3413

476.7030, 0.3111,
0.3318

■ 2.8007, 0.3037,
0.3449

■ 1.0286, 0.3000,
0.3514

■ 98.0150, 0.3100,
0.3338

■ 98.0150, 0.3100,
0.3338

■ 92.8687, 0.3024,
0.3485

100.0000, 0.3127,
0.3290

■ 88.3911, 0.2950,
0.3650

■ 84.5565, 0.2882,
0.3832

■ 81.3339, 0.2822,
0.4028

■ 78.6896, 0.2774,
0.4238

■ 76.5866, 0.2741,
0.4455

■ 74.9835, 0.2727,
0.4675

■ 73.8323, 0.2732,
0.4889

■ 73.0750, 0.2757,
0.5091

Harmonies

Analogous

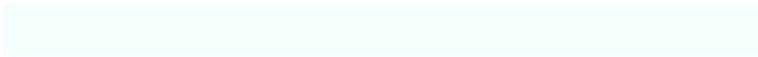
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.0150, 0.3145, 0.3362



98.0150, 0.3100, 0.3338



98.0150, 0.3063, 0.3301

Triad

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



98.0150, 0.3100, 0.3338



98.0150, 0.3070, 0.3215



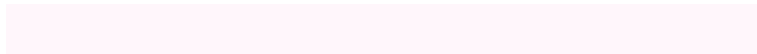
98.0150, 0.3212, 0.3318

Complementary

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



98.0150, 0.3100, 0.3338



94.1373, 0.3155, 0.3242

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.



98.0150, 0.3192, 0.3279



98.0150, 0.3100, 0.3338



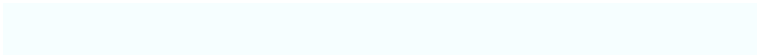
98.0150, 0.3110, 0.3220

Square

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



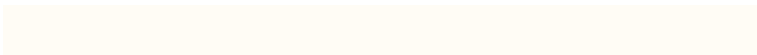
98.0150, 0.3100, 0.3338



98.0150, 0.3046, 0.3230



98.0150, 0.3154, 0.3243



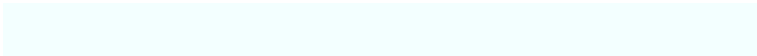
98.0150, 0.3209, 0.3350

Rectangle

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



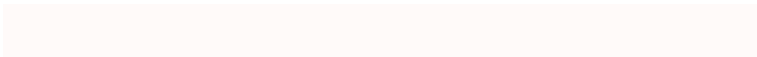
98.0150, 0.3100, 0.3338



98.0150, 0.3047, 0.3274



98.0150, 0.3154, 0.3243



98.0150, 0.3208, 0.3305

Sweetspot

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



98.0181, 0.3100, 0.3338



99.4293, 0.3119, 0.3303



98.7023, 0.3155, 0.3377



21.2880, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



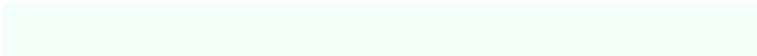
21.4041, 0.3127, 0.3290

Same Dimension

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



98.0181, 0.3100, 0.3338



97.7593, 0.3096, 0.3345



98.2951, 0.3075, 0.3296



20.8370, 0.3091, 0.3355



38.0382, 0.2773, 0.5182



3.7253, 0.2712, 0.4962

Inverse Universe

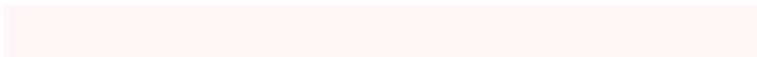
The Inverse Universe completely reimagines the original color for something new.



94.1373, 0.3155, 0.3242



93.3729, 0.3159, 0.3236



93.8653, 0.3182, 0.3284



19.7272, 0.3165, 0.3226



12.1395, 0.4745, 0.2388



1.2040, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 98.0150, 0.3100, 0.3338 looks on a white background.

Color Contrast Check

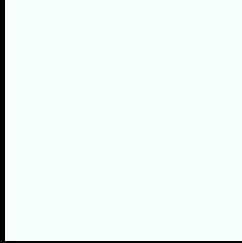
Large Text (above 18pt) WCAG AA × Fail

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 98.0150, 0.3100, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

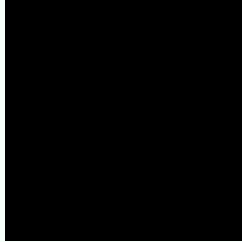
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.0150, 0.3100, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 98.0150, 0.3100, 0.3338.



This preview shows how white text looks on a background with the Yxy color 98.0150, 0.3100, 0.3338.

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

A vertical grid of three color swatches. The top swatch is a light green, the middle is a light orange, and the bottom is a light pink. Each swatch is followed by text describing the original color and its simulation for different types of dichromacy.

Original Color

98.0150, 0.3100, 0.3338

Protanopia

97.8458, 0.3152, 0.3300

Deuteranopia

97.9727, 0.3140, 0.3281

Tritanopia

98.1660, 0.3109, 0.3271

Trichromacy



Original Color

98.0150, 0.3100, 0.3338

Protanomaly

97.9110, 0.3133, 0.3309

Deuteranomaly

97.9743, 0.3127, 0.3300

Tritanomaly

98.2995, 0.3108, 0.3300

Monochromacy



Original Color

98.0150, 0.3100, 0.3338



Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.5396, 0.3120, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.0150, 0.3100, 0.3338 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(246, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 250)  
}
```

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(246, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 98.0150, 0.3100, 0.3338 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(246, 255, 250) }
```

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

```
.border{ border-color:rgb(246, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 98.0150, 0.3100, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 250) }
```

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

```
.background{ background-color: rgb(246,  
255, 250) }
```

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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