

Converting Colors

$Yxy(98.0129, 0.3261, 0.3538)$

Have a look what the booklet for
Yxy(98.0129, 0.3261, 0.3538)
contains.

Yxy(98.1158, 0.3261, 0.3533)	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(98.1158, 0.3261, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFE6
RGB	253, 255, 230
RGB Percent	99%, 100%, 90%
CMY	0.0077, 0.0000, 0.0980
CMYK	0.01, 0.00, 0.10, 0.00
HSL	65°, 100%, 95%
HSV	65°, 10%, 100%
XYZ	90.5620, 98.1158, 89.0346
YIQ	251.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

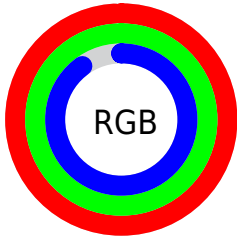
Format	Color
RYB	230, 255, 232
Decimal	16646118
CIELab	99.27, -4.83, 11.71
CIELCh	99, 12.670, 112.416
Yxy	98.1158, 0.3261, 0.3533
Android (android.graphics.Color)	4294836198 (0xFFFFDFFE6)
YUV	251.5520, -10.6251, 1.2699
Hunter-Lab	99.0534, -10.1455, 16.0443

Details

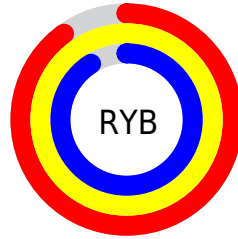
The Yxy color 98.1158, 0.3261, 0.3533 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.9696, 0.2986, 0.3037, and the grayscale version is 97.0457, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.1799, 0.3290, 0.3588 is the 20% darker color. If you saturate the color by 10%, you get 96.4177, 0.3400, 0.3789, and if you desaturate by 10%, it is 99.9964, 0.3127, 0.3290.

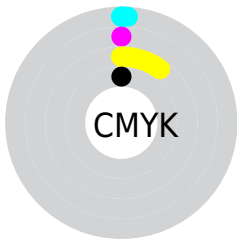
Distribution



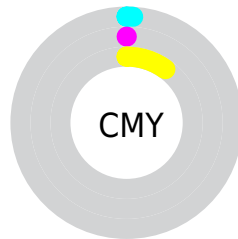
- Red (99%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.1158, 0.3261, 0.3533 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 98.1158, 0.3261, 0.3533 by changing the saturation by 10% instead.


 98.1158, 0.3261,
0.3533

 98.1158, 0.3261,
0.3533


554.0925, 0.3203,
0.3426

 74.7310, 0.3273,
0.3556


158.5623, 0.3241,
0.3497

 55.3925, 0.3289,
0.3585


196.3927, 0.3234,
0.3482

 39.7161, 0.3307,
0.3620


239.8071, 0.3227,
0.3470

 27.3172, 0.3330,
0.3665

289.1898, 0.3221,
0.3459

 17.8116, 0.3360,
0.3724

344.9254, 0.3216,
0.3449

 10.8148, 0.3400,
0.3805

407.3981, 0.3211,

 5.9425, 0.3457,

0.3440

0.3921

476.9923, 0.3207,
0.3433

■ 2.8101, 0.3542,
0.4106

■ 1.0334, 0.3916,
0.4721

■ 98.1158, 0.3261,
0.3533

■ 98.1158, 0.3261,
0.3533

■ 96.4177, 0.3400,
0.3789

99.9964, 0.3127,
0.3290

■ 94.9198, 0.3539,
0.4048

■ 93.6165, 0.3670,
0.4299

■ 92.4973, 0.3790,
0.4533

■ 91.5508, 0.3892,
0.4740

■ 90.7639, 0.3971,
0.4911

■ 90.1219, 0.4024,
0.5038

■ 89.6073, 0.4050,
0.5119

■ 89.1919, 0.4054,
0.5162

Harmonies

Analogous

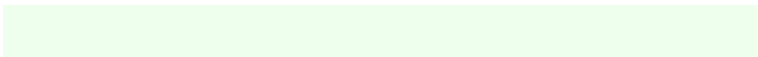
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.1158, 0.3363, 0.3502



98.1158, 0.3261, 0.3533



98.1158, 0.3125, 0.3496

Triad

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



98.1158, 0.3261, 0.3533



98.1158, 0.2861, 0.3155



98.1158, 0.3261, 0.3184

Complementary

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



98.1158, 0.3261, 0.3533



80.9696, 0.2986, 0.3037

Split Complementary

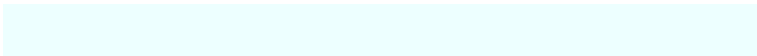
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.1158, 0.3125, 0.3096



98.1158, 0.3261, 0.3533



98.1158, 0.2896, 0.3077

Square

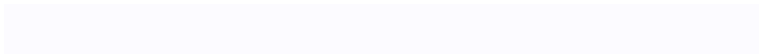
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



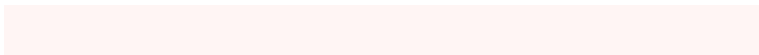
98.1158, 0.3261, 0.3533



98.1158, 0.2896, 0.3273



98.1158, 0.2991, 0.3057



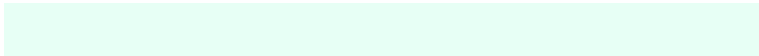
98.1158, 0.3363, 0.3300

Rectangle

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



98.1158, 0.3261, 0.3533



98.1158, 0.3034, 0.3436



98.1158, 0.2991, 0.3057



98.1158, 0.3218, 0.3150

Sweetspot

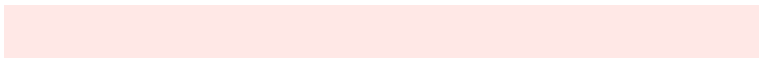
The Sweet Spot groups the original color and five complimentary colors.



98.1201, 0.3261, 0.3533



99.4036, 0.3168, 0.3363



84.5040, 0.3299, 0.3307



21.2431, 0.3179, 0.3383



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.



98.1201, 0.3261, 0.3533



97.7320, 0.3292, 0.3589



95.9023, 0.3183, 0.3539



21.0141, 0.3257, 0.3526



46.6332, 0.4057, 0.5161



4.5611, 0.4073, 0.5148

Inverse Universe

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



80.9696, 0.2986, 0.3037



77.0443, 0.2952, 0.2976



83.0825, 0.3066, 0.3043



17.4457, 0.2991, 0.3045



3.8739, 0.1524, 0.0613



0.3995, 0.1577, 0.0642

Previews

White Background



This preview shows how the Yxy color 98.1158, 0.3261, 0.3533 looks on a white background.

Color Contrast Check

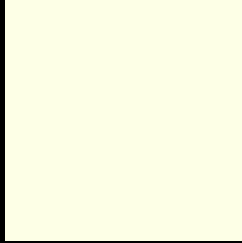
Large Text (above 18pt) WCAG AA × Fail

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 98.1158, 0.3261, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

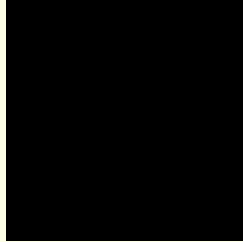
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.1158, 0.3261, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 98.1158, 0.3261, 0.3533.

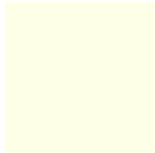


This preview shows how white text looks on a background with the Yxy color 98.1158, 0.3261, 0.3533.

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

98.1158, 0.3261, 0.3533



Protanopia

98.2879, 0.3169, 0.3338

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

98.1158, 0.3261, 0.3533



Protanomaly

98.3053, 0.3203, 0.3415



Deuteranomaly

97.8530, 0.3186, 0.3377



Tritanomaly

97.9752, 0.3174, 0.3357

Monochromacy



Original Color

98.1158, 0.3261, 0.3533



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.4777, 0.3173, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.1158, 0.3261, 0.3533 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(253, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 230)  
}
```

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(253, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 98.1158, 0.3261, 0.3533 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(253, 255, 230) }
```

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

```
.border{ border-color:rgb(253, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 98.1158, 0.3261, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 230) }
```

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

```
.background{ background-color: rgb(253,  
255, 230) }
```

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