

Converting Colors

Yxy(97.3746, 0.3130, 0.3302)

Have a look what the booklet for
Yxy(97.3746, 0.3130, 0.3302)
contains.

Yxy(97.2813, 0.3133, 0.3300)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(97.2813, 0.3133, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCFB
RGB	252, 252, 251
RGB Percent	99%, 99%, 98%
CMY	0.0118, 0.0117, 0.0158
CMYK	0.00, 0.00, 0.00, 0.01
HSL	62°, 15%, 99%
HSV	62°, 0%, 99%
XYZ	92.3583, 97.2813, 105.1522
YIQ	251.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

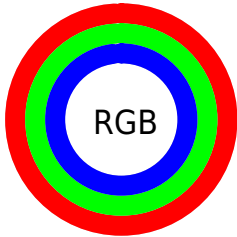
Format	Color
R_{YB}	251, 252, 251
Decimal	16579835
CIE Lab	98.94, -0.19, 0.48
CIE LCh	99, 0.517, 111.220
Yxy	97.2813, 0.3133, 0.3300
Android (android.graphics.Color)	4294769915 (0xFFFCFCFB)
YUV	251.8860, -0.4368, 0.1000
Hunter-Lab	98.6313, -5.4574, 5.8320

Details

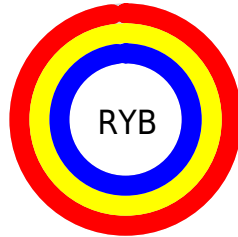
The Yxy color 97.2813, 0.3133, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.5175, 0.3121, 0.3280, and the grayscale version is 97.2480, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5724, 0.3127, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 95.6384, 0.3277, 0.3548, and if you desaturate by 10%, it is 97.7051, 0.3115, 0.3261.

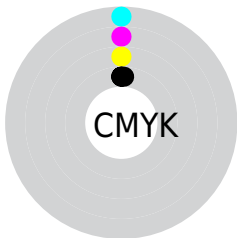
Distribution



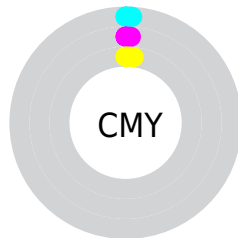
- Red (99%)
- Green (99%)
- Blue (98%)



- Red (98%)
- Yellow (99%)
- Blue (98%)



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





- Cyan (1%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.2813, 0.3133, 0.3300 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 97.2813, 0.3133, 0.3300 by changing the saturation by 10% instead.


 97.2813, 0.3133,
0.3300

 97.2813, 0.3133,
0.3300


551.4428, 0.3130,
0.3296

 74.0352, 0.3134,
0.3301


157.4126, 0.3132,
0.3299

 54.8228, 0.3134,
0.3302


195.0665, 0.3132,
0.3298

 39.2599, 0.3135,
0.3303


238.2918, 0.3132,
0.3297

 26.9620, 0.3136,
0.3305

287.4729, 0.3131,
0.3297

 17.5447, 0.3137,
0.3308

342.9941, 0.3131,
0.3297

 10.6236, 0.3139,
0.3311

405.2399, 0.3131,

 5.8143, 0.3142,

0.3296

0.3315

474.5947, 0.3131,
0.3296

■ 2.7325, 0.3146,
0.3322

■ 0.9937, 0.3154,
0.3335

■ 97.2813, 0.3133,
0.3300

■ 97.2813, 0.3133,
0.3300

■ 95.6384, 0.3277,
0.3548

■ 97.7051, 0.3115,
0.3261

■ 94.1954, 0.3424,
0.3803


■ 97.8688, 0.3120,
0.3262

■ 92.9475, 0.3570,
0.4057


■ 98.0332, 0.3126,
0.3262

■ 91.8853, 0.3709,
0.4302


■ 98.1105, 0.3128,
0.3262

 90.9985, 0.3836,
0.4528

 90.2757, 0.3944,
0.4724

 89.7045, 0.4030,
0.4882

 89.2703, 0.4089,
0.4997

 88.9558, 0.4121,
0.5068

Harmonies

Analogous

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



97.2813, 0.3137, 0.3299



97.2813, 0.3133, 0.3300



97.2813, 0.3128, 0.3299

Triad

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

97.2813, 0.3133, 0.3300

97.2813, 0.3116, 0.3285

97.2813, 0.3133, 0.3286

Complementary

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



97.2813, 0.3133, 0.3300



96.5175, 0.3121, 0.3280

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.

97.2813, 0.3127, 0.3282

97.2813, 0.3133, 0.3300

97.2813, 0.3118, 0.3282

Square

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



97.2813, 0.3133, 0.3300



97.2813, 0.3118, 0.3290



97.2813, 0.3122, 0.3280



97.2813, 0.3137, 0.3291

Rectangle

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



97.2813, 0.3133, 0.3300



97.2813, 0.3124, 0.3296



97.2813, 0.3122, 0.3280



97.2813, 0.3131, 0.3284

Sweetspot

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



97.2855, 0.3133, 0.3300

100.0000, 0.3127, 0.3290



96.6608, 0.3134, 0.3290



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



97.2855, 0.3133, 0.3300

100.0000, 0.3127, 0.3290



97.1885, 0.3130, 0.3300



20.4902, 0.3127, 0.3290



46.2333, 0.4133, 0.5100



4.2913, 0.4141, 0.5094

Inverse Universe

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



96.5175, 0.3121, 0.3280

100.0000, 0.3127, 0.3290



96.6142, 0.3125, 0.3280



20.4902, 0.3127, 0.3290



3.7032, 0.1510, 0.0606



0.3527, 0.1536, 0.0620

Previews

White Background



This preview shows how the Yxy color 97.2813, 0.3133, 0.3300 looks on a white background.

Color Contrast Check

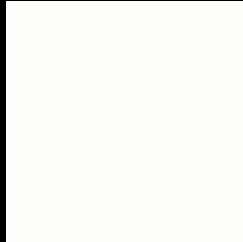
Large Text (above 18pt) WCAG AA × Fail

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 97.2813, 0.3133, 0.3300 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

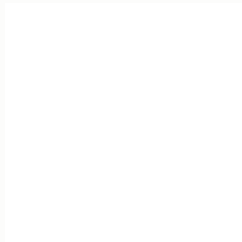
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.2813, 0.3133, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 97.2813, 0.3133, 0.3300.



This preview shows how white text looks on a background with the Yxy color 97.2813, 0.3133, 0.3300.

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

97.2813, 0.3133, 0.3300

Protanopia

97.2194, 0.3152, 0.3290

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

97.2813, 0.3133, 0.3300

Protanomaly

97.0302, 0.3146, 0.3290

Deuteranomaly

97.0935, 0.3140, 0.3280

Tritanomaly

96.8456, 0.3116, 0.3261

Monochromacy

Original Color

97.2813, 0.3133, 0.3300

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.3445, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.2813, 0.3133, 0.3300 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(252, 252, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 251)  
}
```

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(252, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 251) }
```

Border

The CSS property to change the border of an element to Yxy 97.2813, 0.3133, 0.3300 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(252, 252, 251) }
```

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

```
.border{ border-color:rgb(252, 252, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
251) }
```

Background

The CSS property to change the background color of an element to Yxy 97.2813, 0.3133, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 251) }
```

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

```
.background{ background-color: rgb(252,  
252, 251) }
```

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