

Converting Colors

Yxy(99.5066, 0.3151, 0.3339)

Have a look what the booklet for
Yxy(99.5066, 0.3151, 0.3339)
contains.

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Color

Yxy(99.4930, 0.3150, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFFA
RGB	254, 255, 250
RGB Percent	100%, 100%, 98%
CMY	0.0039, 0.0000, 0.0197
CMYK	0.00, 0.00, 0.02, 0.00
HSL	72°, 100%, 99%
HSV	72°, 2%, 100%
XYZ	93.8894, 99.4930, 104.6793
YIQ	254.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

Format	Color
R_{YB}	250, 255, 251
Decimal	16711674
CIE Lab	99.80, -1.19, 2.27
CIE LCh	100, 2.563, 117.707
Yxy	99.4930, 0.3150, 0.3338
Android (android.graphics.Color)	4294901754 (0xFFFEFFFA)
YUV	254.1310, -2.0366, -0.1149
Hunter-Lab	99.7462, -6.5367, 7.6000

Details

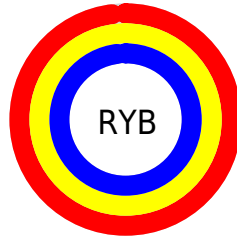
The Yxy color 99.4930, 0.3150, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.0805, 0.3104, 0.3242, and the grayscale version is 99.2456, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 56.1535, 0.3149, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 97.0710, 0.3268, 0.3590, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



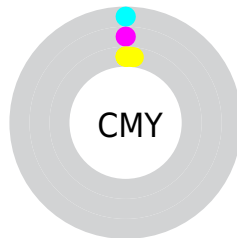
- Red (100%)
- Green (100%)
- Blue (98%)



- Red (98%)
- Yellow (100%)
- Blue (98%)



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





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


Brightness & Saturation Gradients


These gradients show how the Yxy color 99.4930, 0.3150, 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 99.4930, 0.3150, 0.3338 by changing the saturation by 10% instead.

 99.4930, 0.3150,
0.3338


 99.4930, 0.3150,
0.3338


 558.4510, 0.3140,
0.3317


 75.8801, 0.3152,
0.3343


 160.4575, 0.3147,
0.3331


 56.3342, 0.3155,
0.3348

 198.5779, 0.3145,
0.3328

 40.4709, 0.3158,
0.3355


 242.3030, 0.3144,
0.3326

 27.9059, 0.3162,
0.3363

 292.0170, 0.3143,
0.3324

 18.2547, 0.3167,
0.3375

 348.1044, 0.3142,
0.3322

 11.1330, 0.3174,
0.3390

 410.9496, 0.3141,

 6.1564, 0.3184,

0.3320

0.3412

480.9370, 0.3141,
0.3318

■ 2.9404, 0.3200,
0.3446

■ 1.1007, 0.3228,
0.3508

■ 99.4930, 0.3150,
0.3338

■ 99.4930, 0.3150,
0.3338

■ 97.0710, 0.3268,
0.3590

100.0000, 0.3127,
0.3290

■ 94.8794, 0.3387,
0.3854

■ 92.9105, 0.3503,
0.4122

■ 91.1543, 0.3611,
0.4386

■ 89.5998, 0.3705,
0.4635

■ 88.2349, 0.3781,
0.4858

■ 87.0464, 0.3833,
0.5045

■ 86.0187, 0.3859,
0.5187

■ 85.1332, 0.3859,
0.5282

Harmonies

Analogous

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

99.4930, 0.3172, 0.3335

99.4930, 0.3150, 0.3338

99.4930, 0.3122, 0.3328

Triad

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

99.4930, 0.3150, 0.3338

99.4930, 0.3073, 0.3260

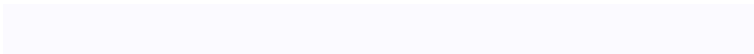
99.4930, 0.3159, 0.3273

Complementary

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



99.4930, 0.3150, 0.3338



96.0805, 0.3104, 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.



99.4930, 0.3132, 0.3253



99.4930, 0.3150, 0.3338



99.4930, 0.3083, 0.3246

Square

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



99.4930, 0.3150, 0.3338



99.4930, 0.3078, 0.3283



99.4930, 0.3104, 0.3243



99.4930, 0.3177, 0.3297

Rectangle

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



99.4930, 0.3150, 0.3338



99.4930, 0.3104, 0.3315



99.4930, 0.3104, 0.3243



99.4930, 0.3150, 0.3265

Sweetspot

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



99.4947, 0.3150, 0.3338



99.7422, 0.3139, 0.3314



97.0924, 0.3158, 0.3299



21.3517, 0.3138, 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.



99.4947, 0.3150, 0.3338



99.4868, 0.3150, 0.3339



99.0359, 0.3135, 0.3338



21.2997, 0.3149, 0.3336



44.2181, 0.3850, 0.5325



4.3491, 0.3891, 0.5292

Inverse Universe

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



96.0805, 0.3104, 0.3242




96.0196, 0.3104, 0.3241



96.5378, 0.3119, 0.3242



20.5939, 0.3105, 0.3243



4.1749, 0.1593, 0.0651



0.4491, 0.1691, 0.0705

Previews

White Background



This preview shows how the hex color #99d930, (0, 215, 207) looks on a white background.

Color Contrast Check

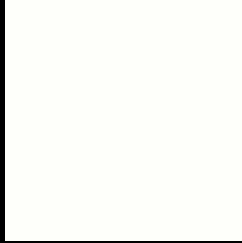
Large Text (above 18pt) WCAG AA × Fail

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 99.4930, 0.3150, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

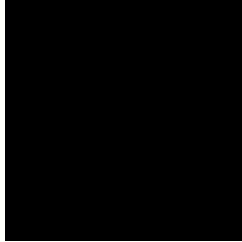
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 99.4930, 0.3150, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 99.4930, 0.3150, 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

Original Color

99.4930, 0.3150, 0.3338

Protanopia

99.2994, 0.3133, 0.3290

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.3636, 0.3128, 0.3281

Trichromacy

Original Color

99.4930, 0.3150, 0.3338

Protanomaly

99.2355, 0.3139, 0.3300

Deuteranomaly

99.2355, 0.3139, 0.3300

Tritanomaly

99.2355, 0.3139, 0.3300

Monochromacy

Original Color

99.4930, 0.3150, 0.3338

Achromatopsia

99.1102, 0.3127, 0.3290

Achromatomaly

99.0463, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 99.4930, 0.3150, 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 is colored with the color:rgb(254, 255, 250) CSS property.

```
.text, #text, p{  
    color:rgb(254, 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(254, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 99.4930, 0.3150, 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(254, 255, 250) }
```

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

```
.border{ border-color:rgb(254, 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(254, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 99.4930, 0.3150, 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(254, 255, 250) }
```

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

```
.background{ background-color: rgb(254,  
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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