

Converting Colors

$Y_{xy}(99.5170, 0.3130, 0.3353)$

Have a look what the booklet for
Yxy(99.5170, 0.3130, 0.3353)
contains.

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Color

Yxy(98.7461, 0.3125, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFFA
RGB	250, 255, 250
RGB Percent	98%, 100%, 98%
CMY	0.0195, 0.0000, 0.0196
CMYK	0.02, 0.00, 0.02, 0.00
HSL	120°, 100%, 99%
HSV	120°, 2%, 100%
XYZ	92.4450, 98.7461, 104.6330
YIQ	252.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

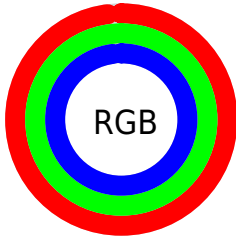
Format	Color
R _Y B	250, 255, 255
Decimal	16449530
CIE Lab	99.51, -2.51, 1.80
CIE LCh	100, 3.084, 144.354
Yxy	98.7461, 0.3125, 0.3338
Android (android.graphics.Color)	4294639610 (0xFFFAFFFA)
YUV	252.9350, -1.4470, -2.5740
Hunter-Lab	99.3711, -7.8406, 7.1302

Details

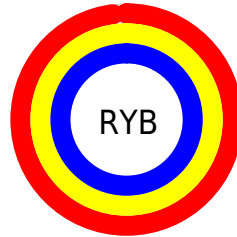
The Yxy color 98.7461, 0.3125, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.8518, 0.3129, 0.3242, and the grayscale version is 98.1868, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.7525, 0.3125, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 92.8719, 0.3113, 0.3604, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

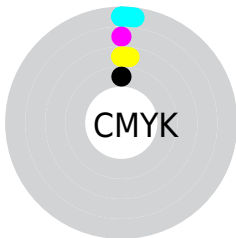
Distribution



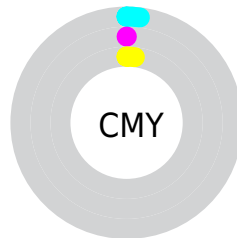
- Red (98%)
- Green (100%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.7461, 0.3125, 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 98.7461, 0.3125, 0.3338 by changing the saturation by 10% instead.


 98.7461, 0.3125,
0.3338

 98.7461, 0.3125,
0.3338


556.0895, 0.3126,
0.3317

 75.2567, 0.3125,
0.3343

159.4300, 0.3125,
0.3331

 55.8232, 0.3124,
0.3348


197.3933, 0.3125,
0.3328

 40.0612, 0.3124,
0.3355


240.9501, 0.3126,
0.3326

 27.5863, 0.3124,
0.3364

290.4847, 0.3126,
0.3324

 18.0140, 0.3123,
0.3375

346.3816, 0.3126,
0.3322

 10.9601, 0.3122,
0.3390

409.0251, 0.3126,

 6.0400, 0.3121,

0.3320

0.3413

478.7996, 0.3126,
0.3318

■ 2.8694, 0.3119,
0.3448

■ 1.0639, 0.3115,
0.3512

■ 98.7461, 0.3125,
0.3338

■ 98.7461, 0.3125,
0.3338

■ 92.8719, 0.3113,
0.3604

100.0000, 0.3127,
0.3290

■ 87.8093, 0.3099,
0.3906

■ 83.5263, 0.3084,
0.4240

■ 79.9842, 0.3068,
0.4597

■ 77.1411, 0.3051,
0.4959

■ 74.9506, 0.3035,
0.5302

■ 73.3610, 0.3020,
0.5597

■ 72.3127, 0.3010,
0.5818

■ 71.7339, 0.3003,
0.5950

Harmonies

Analogous

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



98.7461, 0.3158, 0.3348



98.7461, 0.3125, 0.3338



98.7461, 0.3093, 0.3315

Triad

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



98.7461, 0.3125, 0.3338



98.7461, 0.3072, 0.3238



98.7461, 0.3185, 0.3295

Complementary

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



98.7461, 0.3125, 0.3338



96.8518, 0.3129, 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.



98.7461, 0.3162, 0.3266



98.7461, 0.3125, 0.3338



98.7461, 0.3096, 0.3233

Square

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



98.7461, 0.3125, 0.3338



98.7461, 0.3062, 0.3257



98.7461, 0.3129, 0.3243



98.7461, 0.3193, 0.3323

Rectangle

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



98.7461, 0.3125, 0.3338



98.7461, 0.3076, 0.3295



98.7461, 0.3129, 0.3243



98.7461, 0.3179, 0.3285

Sweetspot

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



98.7502, 0.3125, 0.3338



99.3578, 0.3126, 0.3314



99.6294, 0.3156, 0.3337



21.2734, 0.3126, 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.



98.7502, 0.3125, 0.3338



98.7242, 0.3125, 0.3339



98.8999, 0.3111, 0.3315



21.1444, 0.3125, 0.3337



37.3744, 0.3001, 0.6000



3.6399, 0.3002, 0.5998

Inverse Universe

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



96.8518, 0.3129, 0.3242



96.7862, 0.3129, 0.3241



96.7001, 0.3144, 0.3265



20.7499, 0.3129, 0.3244



14.8081, 0.3202, 0.1537



1.4427, 0.3203, 0.1538

Previews

White Background



This preview shows how the Yxy color 98.7461, 0.3125, 0.3338 looks on a white background.

Color Contrast Check

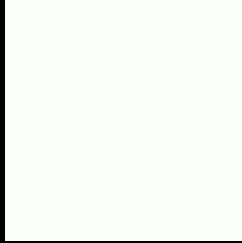
Large Text (above 18pt) WCAG AA × Fail

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 98.7461, 0.3125, 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 98.7461, 0.3125, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 98.7461, 0.3125, 0.3338.



This preview shows how white text looks on a background with the Yxy color 98.7461, 0.3125, 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

98.7461, 0.3125, 0.3338

Protanopia

98.5388, 0.3145, 0.3300

Deuteranopia

98.6024, 0.3140, 0.3290

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy

Original Color

98.7461, 0.3125, 0.3338

Protanomaly

98.7313, 0.3138, 0.3319

Deuteranomaly

98.7945, 0.3132, 0.3309

Tritanomaly

98.8581, 0.3127, 0.3300

Monochromacy

Original Color

98.7461, 0.3125, 0.3338

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6073, 0.3126, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.7461, 0.3125, 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(250, 255, 250)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 98.7461, 0.3125, 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(250, 255, 250) }
```

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

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

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


Background

The CSS property to change the background color of an element to Yxy 98.7461, 0.3125, 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(250, 255, 250) }
```

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

```
.background{ background-color: rgb(250,  
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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