

Converting Colors

Yxy(94.8068, 0.3252, 0.3474)

Have a look what the booklet for
Yxy(94.8068, 0.3252, 0.3474)
contains.

| | |
|---|----|
| Yxy(94.8362, 0.3253, 0.3476) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(94.8362, 0.3253, 0.3476)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCFAE7 |
| RGB | 252, 250, 231 |
| RGB Percent | 99%, 98%, 91% |
| CMY | 0.0118, 0.0196, 0.0940 |
| CMYK | 0.00, 0.01, 0.08, 0.01 |
| HSL | 54°, 78%, 95% |
| HSV | 54°, 8%, 99% |
| XYZ | 88.7521, 94.8362, 89.2432 |
| YIQ | 248.4320, 7.2910, -5.4850 |

Conversions

Conversions Part 2

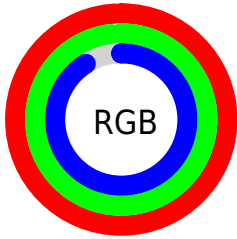
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 233, 252, 231 |
| Decimal | 16579303 |
| CIE Lab | 97.97, -2.53, 9.33 |
| CIE LCh | 98, 9.665, 105.191 |
| Yxy | 94.8362, 0.3253, 0.3476 |
| Android (android.graphics.Color) | 4294769383 (0xFFFCFAE7) |
| YUV | 248.4320, -8.5940, 3.1291 |
| Hunter-Lab | 97.3839, -7.7435, 13.8350 |

Details

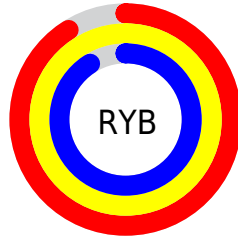
The Yxy color 94.8362, 0.3253, 0.3476 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.2957, 0.2998, 0.3097, and the grayscale version is 94.3105, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2808, 0.3279, 0.3527 is the 20% darker color. If you saturate the color by 10%, you get 92.0508, 0.3411, 0.3707, and if you desaturate by 10%, it is 97.7747, 0.3110, 0.3265.

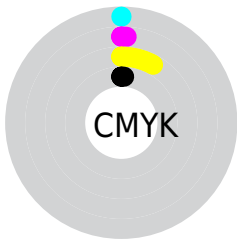
Distribution



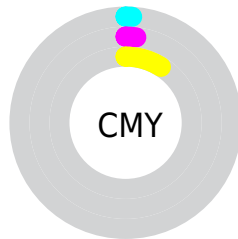
- Red (99%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8362, 0.3253, 0.3476 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 94.8362, 0.3253, 0.3476 by changing the saturation by 10% instead.


 94.8362, 0.3253,
0.3476

 94.8362, 0.3253,
0.3476

543.6405, 0.3198,
0.3394

 71.9987, 0.3265,
0.3494

154.0383, 0.3234,
0.3448

 53.1576, 0.3280,
0.3516


191.1716, 0.3227,
0.3437

 37.9286, 0.3298,
0.3543


233.8390, 0.3220,
0.3427

 25.9273, 0.3320,
0.3578

282.4248, 0.3215,
0.3419

 16.7692, 0.3350,
0.3623

337.3135, 0.3210,
0.3412

 10.0701, 0.3390,
0.3686

398.8894, 0.3205,

 5.4455, 0.3448,

0.3405

0.3778

467.5369, 0.3201,
0.3399

■ 2.5109, 0.3539,
0.3923

■ 0.8821, 0.3948,
0.4484

■ 94.8362, 0.3253,
0.3476

■ 94.8362, 0.3253,
0.3476

■ 92.0508, 0.3411,
0.3707

■ 97.7747, 0.3110,
0.3265

■ 89.4760, 0.3573,
0.3939

■ 99.2784, 0.3109,
0.3288

■ 87.1066, 0.3735,
0.4166

■ 99.4326, 0.3109,
0.3290

■ 84.9324, 0.3891,
0.4377

■ 82.9422, 0.4033,
0.4563

■ 81.1238, 0.4156,
0.4714

■ 79.4630, 0.4253,
0.4823

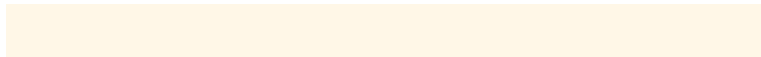
■ 77.9433, 0.4323,
0.4887

■ 76.5414, 0.4366,
0.4909

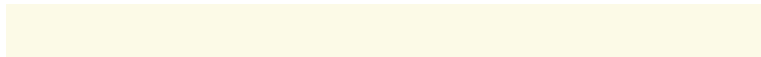
Harmonies

Analogous

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



94.8362, 0.3321, 0.3442



94.8362, 0.3253, 0.3476



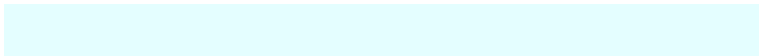
94.8362, 0.3152, 0.3459

Triad

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



94.8362, 0.3253, 0.3476



94.8362, 0.2923, 0.3207



94.8362, 0.3207, 0.3189

Complementary

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



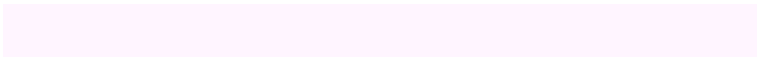
94.8362, 0.3253, 0.3476



82.2957, 0.2998, 0.3097

Split Complementary

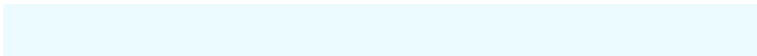
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8362, 0.3099, 0.3128



94.8362, 0.3253, 0.3476



94.8362, 0.2937, 0.3137

Square

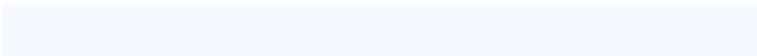
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8362, 0.3253, 0.3476



94.8362, 0.2963, 0.3302



94.8362, 0.3001, 0.3109



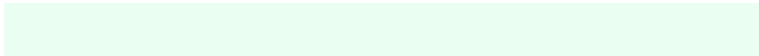
94.8362, 0.3294, 0.3276

Rectangle

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



94.8362, 0.3253, 0.3476



94.8362, 0.3080, 0.3421



94.8362, 0.3001, 0.3109



94.8362, 0.3172, 0.3165

Sweetspot

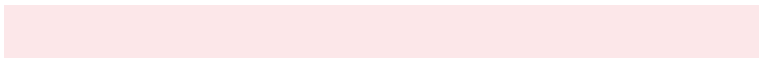
The Sweet Spot groups the original color and five complimentary colors.



94.8403, 0.3253, 0.3476



99.3696, 0.3157, 0.3334



83.7462, 0.3258, 0.3270



21.2758, 0.3155, 0.3332



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.



94.8403, 0.3253, 0.3476



96.9416, 0.3279, 0.3515



94.5434, 0.3197, 0.3498



19.8946, 0.3271, 0.3503



39.8758, 0.4369, 0.4913



3.7722, 0.4345, 0.4932

Inverse Universe

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



82.2957, 0.2998, 0.3097



81.6189, 0.2970, 0.3055



82.6126, 0.3053, 0.3080



16.9059, 0.2979, 0.3068



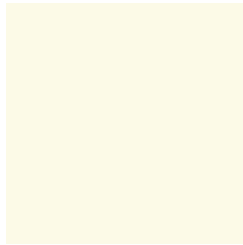
4.0866, 0.1517, 0.0662



0.4643, 0.1554, 0.0792

Previews

White Background



This preview shows how the Yxy color 94.8362, 0.3253, 0.3476 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 94.8362, 0.3253, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

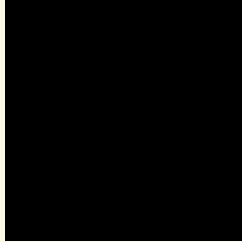
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8362, 0.3253, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 94.8362, 0.3253, 0.3476.

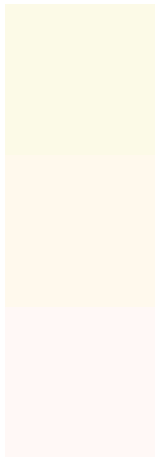


This preview shows how white text looks on a background with the Yxy color 94.8362, 0.3253, 0.3476.

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

94.8362, 0.3253, 0.3476

Protanopia

95.1258, 0.3237, 0.3407

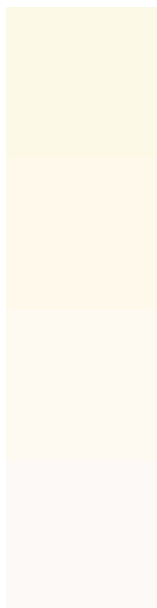
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy



Original Color

94.8362, 0.3253, 0.3476

Protanomaly

94.8204, 0.3243, 0.3426

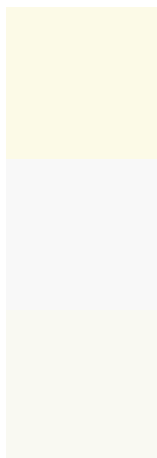
Deuteranomaly

95.1731, 0.3207, 0.3368

Tritanomaly

95.1006, 0.3164, 0.3319

Monochromacy



Original Color

94.8362, 0.3253, 0.3476

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3019, 0.3169, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8362, 0.3253, 0.3476 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, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 250, 231)  
}
```

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, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 250, 231) }
```

Border

The CSS property to change the border of an element to Yxy 94.8362, 0.3253, 0.3476 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, 250, 231) }
```

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

```
.border{ border-color:rgb(252, 250, 231) }
```

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

Here you see how a box with a 4 pixel rgb(252, 250, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 250,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8362, 0.3253, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 250, 231) }
```

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

```
.background{ background-color: rgb(252,  
250, 231) }
```

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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