

Converting Colors

$Y_{xy}(95.5772, 0.3200, 0.3347)$

Have a look what the booklet for
Yxy(95.5772, 0.3200, 0.3347)
contains.

Yxy(95.4824, 0.3201, 0.3348)	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(95.4824, 0.3201, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F3
RGB	255, 249, 243
RGB Percent	100%, 98%, 95%
CMY	0.0001, 0.0235, 0.0470
CMYK	0.00, 0.02, 0.05, 0.00
HSL	30°, 100%, 98%
HSV	30°, 5%, 100%
XYZ	91.2901, 95.4824, 98.4199
YIQ	250.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 255, 243
Decimal	16775667
CIE _{Lab}	98.23, 0.97, 3.56
CIE _{LCh}	98, 3.694, 74.793
Yxy	95.4824, 0.3201, 0.3348
Android (android.graphics.Color)	4294965747 (0xFFFFF9F3)
YUV	250.1100, -3.5052, 4.2885
Hunter-Lab	97.7151, -4.2383, 8.6829

Details

The Yxy color 95.4824, 0.3201, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.0187, 0.3055, 0.3231, and the grayscale version is 95.7214, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7336, 0.3213, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 86.4494, 0.3375, 0.3477, and if you desaturate by 10%, it is 99.9972, 0.3127, 0.3290.

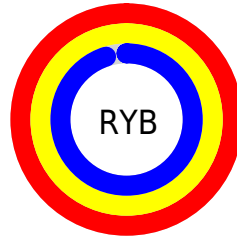
Distribution



Red (100%)

Green (98%)

Blue (95%)



Red (100%)

Yellow (100%)

Blue (95%)



Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4824, 0.3201, 0.3348 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 95.4824, 0.3201, 0.3348 by changing the saturation by 10% instead.


 95.4824, 0.3201,
0.3348

 95.4824, 0.3201,
0.3348

545.7082, 0.3168,
0.3323

 72.5365, 0.3208,
0.3354


154.9309, 0.3190,
0.3339

 53.5971, 0.3217,
0.3360


192.2023, 0.3186,
0.3336

 38.2796, 0.3227,
0.3368


235.0177, 0.3182,
0.3333

 26.1998, 0.3241,
0.3379

283.7615, 0.3179,
0.3330

 16.9732, 0.3259,
0.3393

338.8180, 0.3176,
0.3328

 10.2154, 0.3283,
0.3411

400.5717, 0.3173,

 5.5420, 0.3318,

0.3326

0.3439

469.4070, 0.3171,
0.3324

■ 2.5686, 0.3374,
0.3481

■ 0.9109, 0.3500,
0.3582

■ 95.4824, 0.3201,
0.3348

■ 95.4824, 0.3201,
0.3348

■ 86.4494, 0.3375,
0.3477

99.9972, 0.3127,
0.3290

■ 78.1398, 0.3573,
0.3612

■ 70.5374, 0.3796,
0.3749

■ 63.6210, 0.4043,
0.3882

■ 57.3682, 0.4310,
0.4002

■ 51.7548, 0.4588,
0.4097

■ 46.7547, 0.4863,
0.4154

■ 42.3390, 0.5117,
0.4161

■ 38.4746, 0.5333,
0.4112

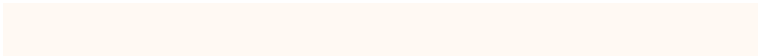
Harmonies

Analogous

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



95.4824, 0.3206, 0.3320



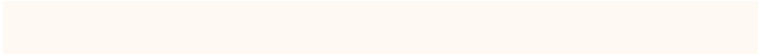
95.4824, 0.3201, 0.3348



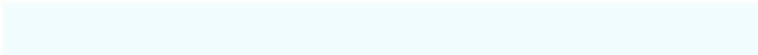
95.4824, 0.3176, 0.3361

Triad

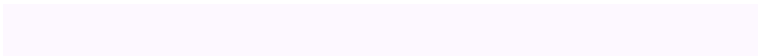
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.4824, 0.3201, 0.3348



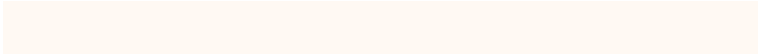
95.4824, 0.3065, 0.3295



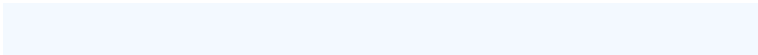
95.4824, 0.3116, 0.3227

Complementary

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



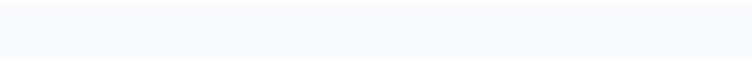
95.4824, 0.3201, 0.3348



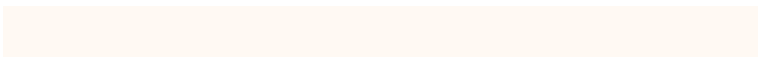
94.0187, 0.3055, 0.3231

Split Complementary

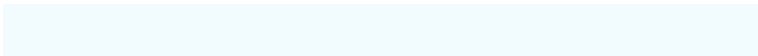
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4824, 0.3079, 0.3221



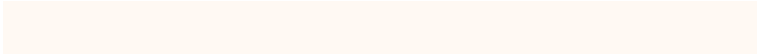
95.4824, 0.3201, 0.3348



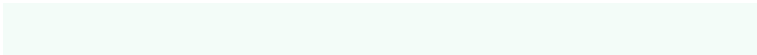
95.4824, 0.3049, 0.3260

Square

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



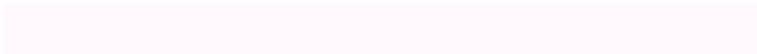
95.4824, 0.3201, 0.3348



95.4824, 0.3097, 0.3330



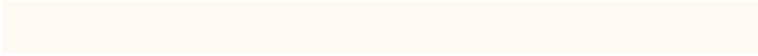
95.4824, 0.3054, 0.3232



95.4824, 0.3157, 0.3251

Rectangle

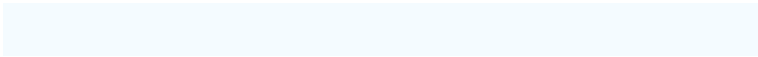
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



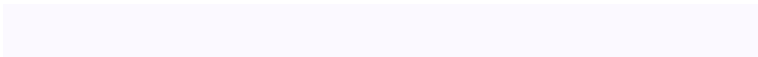
95.4824, 0.3201, 0.3348



95.4824, 0.3151, 0.3358



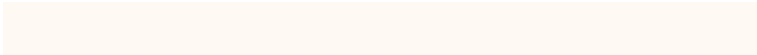
95.4824, 0.3054, 0.3232



95.4824, 0.3103, 0.3223

Sweetspot

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



95.4865, 0.3201, 0.3348



99.0276, 0.3142, 0.3302



92.2045, 0.3169, 0.3232



21.2063, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



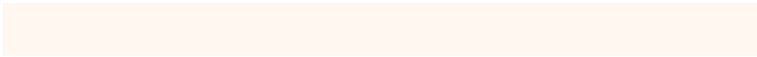
21.4041, 0.3127, 0.3290

Same Dimension

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



95.4865, 0.3201, 0.3348



94.2785, 0.3222, 0.3364



99.2396, 0.3197, 0.3405



20.0496, 0.3233, 0.3373



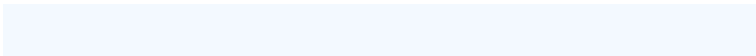
19.4407, 0.5408, 0.4088



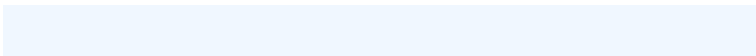
2.1113, 0.5232, 0.4228

Inverse Universe

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



94.0187, 0.3055, 0.3231



92.4193, 0.3035, 0.3214



90.3836, 0.3056, 0.3172



19.6103, 0.3024, 0.3206



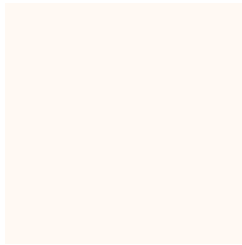
12.0358, 0.1770, 0.1570



1.3902, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 95.4824, 0.3201, 0.3348 looks on a white background.

Color Contrast Check

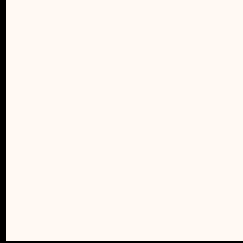
Large Text (above 18pt) WCAG AA × Fail

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 95.4824, 0.3201, 0.3348 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 95.4824, 0.3201, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 95.4824, 0.3201, 0.3348.



This preview shows how white text looks on a background with the Yxy color 95.4824, 0.3201, 0.3348.

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

95.4824, 0.3201, 0.3348

Protanopia

95.5430, 0.3195, 0.3338

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.4824, 0.3201, 0.3348

Protanomaly

95.5430, 0.3195, 0.3338

Deuteranomaly

95.1102, 0.3178, 0.3300

Tritanomaly

95.7872, 0.3147, 0.3271

Monochromacy



Original Color

95.4824, 0.3201, 0.3348

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7821, 0.3157, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4824, 0.3201, 0.3348 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 $rgb(255, 249, 243)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 243)  
}
```

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(255, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 243) }
```

Border

The CSS property to change the border of an element to Yxy 95.4824, 0.3201, 0.3348 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(255, 249, 243) }
```

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

```
.border{ border-color:rgb(255, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4824, 0.3201, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 243) }
```

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

```
.background{ background-color: rgb(255,  
249, 243) }
```

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