

Converting Colors

$Y_{xy}(95.7771, 0.3196, 0.3344)$

Have a look what the booklet for
Yxy(95.7771, 0.3196, 0.3344)
contains.

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Color

Yxy(95.5430, 0.3195, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F4
RGB	255, 249, 244
RGB Percent	100%, 98%, 96%
CMY	0.0000, 0.0235, 0.0430
CMYK	0.00, 0.02, 0.04, 0.00
HSL	27°, 100%, 98%
HSV	27°, 4%, 100%
XYZ	91.4499, 95.5430, 99.2353
YIQ	250.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 253, 244
Decimal	16775668
CIE _{Lab}	98.25, 1.15, 3.07
CIE _{LCh}	98, 3.283, 69.445
Yxy	95.5430, 0.3195, 0.3338
Android (android.graphics.Color)	4294965748 (0xFFFFF9F4)
YUV	250.2240, -3.0684, 8.1886
Hunter-Lab	97.7461, -4.0535, 8.2289

Details

The Yxy color 95.5430, 0.3195, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.8506, 0.3061, 0.3242, and the grayscale version is 95.8188, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7765, 0.3206, 0.3351 is the 20% darker color. If you saturate the color by 10%, you get 85.7969, 0.3370, 0.3455, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



Red (100%)

Green (98%)

Blue (96%)



Red (100%)

Yellow (99%)

Blue (96%)



Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5430, 0.3195, 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 95.5430, 0.3195, 0.3338 by changing the saturation by 10% instead.

 95.5430, 0.3195,
0.3338

 95.5430, 0.3195,
0.3338


545.9019, 0.3165,
0.3317

 72.5870, 0.3202,
0.3343


155.0146, 0.3185,
0.3331

 53.6383, 0.3209,
0.3348

192.2989, 0.3181,
0.3328

 38.3126, 0.3219,
0.3355


235.1282, 0.3177,
0.3326

 26.2254, 0.3232,
0.3364

283.8867, 0.3174,
0.3324

 16.9923, 0.3248,
0.3375

338.9590, 0.3172,
0.3322

 10.2290, 0.3270,
0.3390

400.7293, 0.3169,

 5.5511, 0.3303,

0.3320

0.3413

469.5822, 0.3167,
0.3318

■ 2.5741, 0.3354,
0.3448

■ 0.9137, 0.3464,
0.3527

■ 95.5430, 0.3195,
0.3338

■ 95.5430, 0.3195,
0.3338

■ 85.7969, 0.3370,
0.3455

100.0000, 0.3127,
0.3290

■ 76.8797, 0.3572,
0.3577

■ 68.7709, 0.3801,
0.3702

■ 61.4455, 0.4059,
0.3823

■ 54.8772, 0.4342,
0.3932

■ 49.0380, 0.4640,
0.4017

■ 43.8974, 0.4939,
0.4065

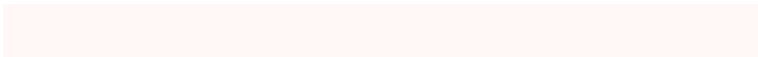
■ 39.4222, 0.5219,
0.4064

■ 35.5744, 0.5459,
0.4007

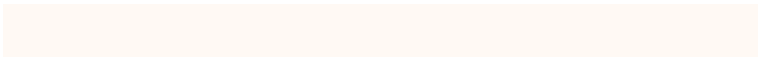
Harmonies

Analogous

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



95.5430, 0.3196, 0.3311



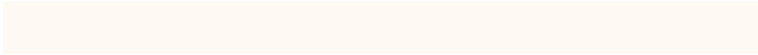
95.5430, 0.3195, 0.3338



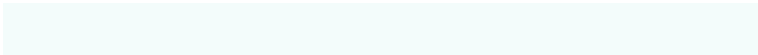
95.5430, 0.3175, 0.3352

Triad

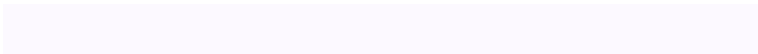
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5430, 0.3195, 0.3338



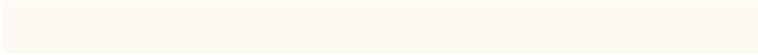
95.5430, 0.3076, 0.3301



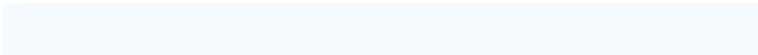
95.5430, 0.3111, 0.3232

Complementary

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



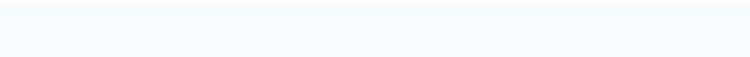
95.5430, 0.3195, 0.3338



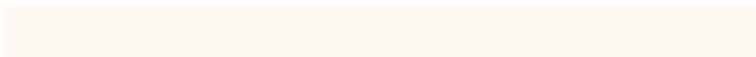
94.8506, 0.3061, 0.3242

Split Complementary

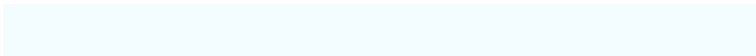
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5430, 0.3079, 0.3229



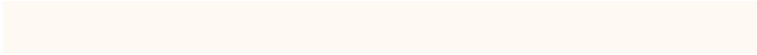
95.5430, 0.3195, 0.3338



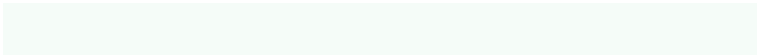
95.5430, 0.3059, 0.3268

Square

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



95.5430, 0.3195, 0.3338



95.5430, 0.3107, 0.3330



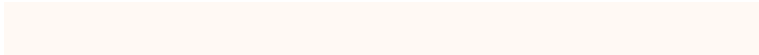
95.5430, 0.3060, 0.3242



95.5430, 0.3148, 0.3251

Rectangle

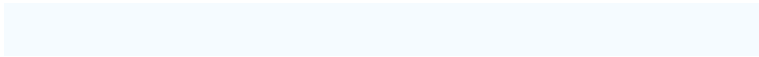
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



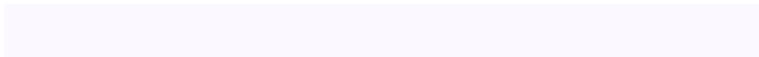
95.5430, 0.3195, 0.3338



95.5430, 0.3155, 0.3352



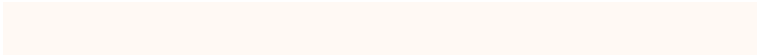
95.5430, 0.3060, 0.3242



95.5430, 0.3099, 0.3229

Sweetspot

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



95.5460, 0.3195, 0.3338



98.9501, 0.3143, 0.3301



92.8881, 0.3162, 0.3232



21.1905, 0.3142, 0.3301



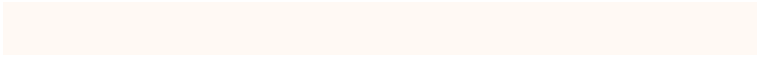
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.5460, 0.3195, 0.3338



94.8364, 0.3206, 0.3346



98.9644, 0.3191, 0.3390



20.1472, 0.3218, 0.3354



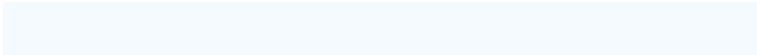
17.8662, 0.5548, 0.3977



1.9544, 0.5355, 0.4130

Inverse Universe

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



94.8506, 0.3061, 0.3242



94.0316, 0.3050, 0.3233



91.5116, 0.3062, 0.3188



19.9517, 0.3039, 0.3225



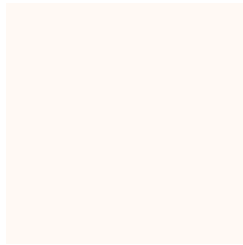
13.7975, 0.1815, 0.1734



1.5619, 0.1868, 0.1925

Previews

White Background



This preview shows how the Yxy color 95.5430, 0.3195, 0.3338 looks on a white background.

Color Contrast Check

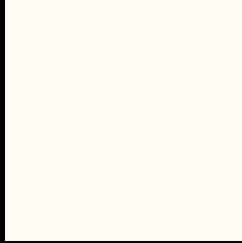
Large Text (above 18pt) WCAG AA × Fail

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 95.5430, 0.3195, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

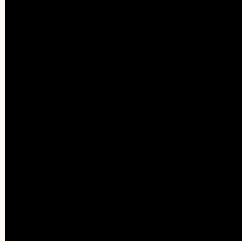
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.5430, 0.3195, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 95.5430, 0.3195, 0.3338.



This preview shows how white text looks on a background with the Yxy color 95.5430, 0.3195, 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**

95.5430, 0.3195, 0.3338

Protanopia

95.6039, 0.3189, 0.3329

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.5430, 0.3195, 0.3338

Protanomaly

95.6039, 0.3189, 0.3329

Deuteranomaly

95.1102, 0.3178, 0.3300

Tritanomaly

95.7872, 0.3147, 0.3271

Monochromacy



Original Color

95.5430, 0.3195, 0.3338

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.8440, 0.3152, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5430, 0.3195, 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 $rgb(255, 249, 244)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 244) }
```

Border

The CSS property to change the border of an element to Yxy 95.5430, 0.3195, 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(255, 249, 244) }
```

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

```
.border{ border-color:rgb(255, 249, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5430, 0.3195, 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(255, 249, 244) }
```

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

```
.background{ background-color: rgb(255,  
249, 244) }
```

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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