

Converting Colors

$Y_{xy}(100.0000, 0.3340, 0.3309)$

Have a look what the booklet for
Yxy(100.0000, 0.3340, 0.3309)
contains.

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Color

Yxy(95.0486, 0.3184, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8F6
RGB	255, 248, 246
RGB Percent	100%, 97%, 96%
CMY	0.0000, 0.0275, 0.0352
CMYK	0.00, 0.03, 0.04, 0.00
HSL	13°, 100%, 98%
HSV	13°, 4%, 100%
XYZ	91.4581, 95.0486, 100.7360
YIQ	249.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 249, 246
Decimal	16775414
CIE Lab	98.05, 2.02, 1.76
CIE LCh	98, 2.679, 41.108
Yxy	95.0486, 0.3184, 0.3309
Android (android.graphics.Color)	4294965494 (0xFFFFF8F6)
YUV	249.8650, -1.9054, 4.5034
Hunter-Lab	97.4929, -3.1617, 6.9827

Details

The Yxy color 95.0486, 0.3184, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.0934, 0.3072, 0.3271, and the grayscale version is 95.4901, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4227, 0.3191, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 81.9759, 0.3366, 0.3366, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



Red (100%)

Green (97%)

Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0486, 0.3184, 0.3309 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 95.0486, 0.3184, 0.3309 by changing the saturation by 10% instead.


 95.0486, 0.3184,
0.3309

 95.0486, 0.3184,
0.3309


544.3206, 0.3159,
0.3301

 72.1754, 0.3189,
0.3311


154.3317, 0.3176,
0.3306

 53.3020, 0.3196,
0.3313


191.5105, 0.3172,
0.3305

 38.0439, 0.3204,
0.3316


234.2266, 0.3169,
0.3304

 26.0168, 0.3215,
0.3319


282.8644, 0.3167,
0.3303

 16.8362, 0.3229,
0.3323

337.8083, 0.3164,
0.3303

 10.1178, 0.3247,
0.3329

399.4427, 0.3162,

 5.4771, 0.3275,

0.3302

0.3338

468.1520, 0.3161,
0.3301

■ 2.5298, 0.3318,
0.3351

■ 0.8915, 0.3405,
0.3381

■ 95.0486, 0.3184,
0.3309

■ 95.0486, 0.3184,
0.3309

■ 81.9759, 0.3366,
0.3366

100.0000, 0.3127,
0.3290

■ 70.3784, 0.3587,
0.3426

■ 60.1990, 0.3852,
0.3488

■ 51.3827, 0.4165,
0.3547

■ 43.8707, 0.4526,
0.3598

■ 37.5998, 0.4926,
0.3632

■ 32.5016, 0.5337,
0.3638

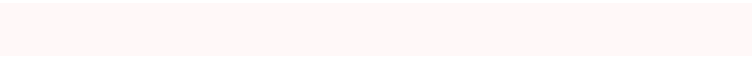
■ 28.5005, 0.5720,
0.3607

■ 25.5112, 0.6025,
0.3538

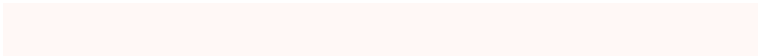
Harmonies

Analogous

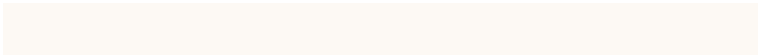
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0486, 0.3171, 0.3283



95.0486, 0.3184, 0.3309



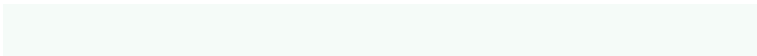
95.0486, 0.3182, 0.3330

Triad

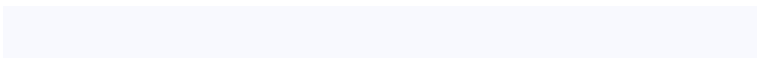
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0486, 0.3184, 0.3309



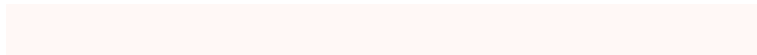
95.0486, 0.3109, 0.3322



95.0486, 0.3089, 0.3240

Complementary

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



95.0486, 0.3184, 0.3309



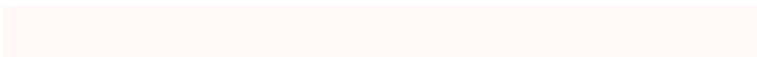
97.0934, 0.3072, 0.3271

Split Complementary

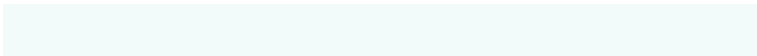
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0486, 0.3073, 0.3250



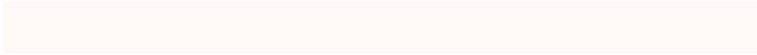
95.0486, 0.3184, 0.3309



95.0486, 0.3084, 0.3297

Square

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



95.0486, 0.3184, 0.3309



95.0486, 0.3139, 0.3338



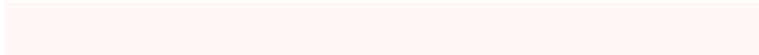
95.0486, 0.3071, 0.3271



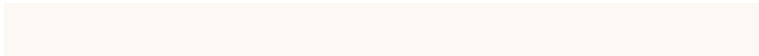
95.0486, 0.3116, 0.3243

Rectangle

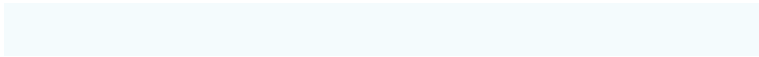
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



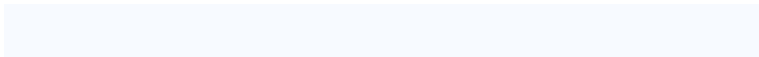
95.0486, 0.3184, 0.3309



95.0486, 0.3172, 0.3339



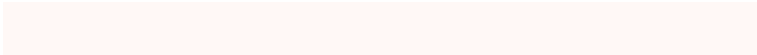
95.0486, 0.3071, 0.3271



95.0486, 0.3082, 0.3242

Sweetspot

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



95.0435, 0.3184, 0.3309



98.5720, 0.3143, 0.3295



94.2842, 0.3143, 0.3223



21.1135, 0.3142, 0.3295



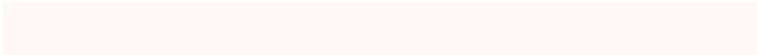
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

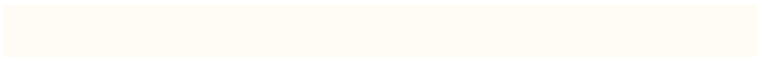
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0435, 0.3184, 0.3309



94.3796, 0.3192, 0.3312



97.8244, 0.3181, 0.3352



19.9807, 0.3204, 0.3316



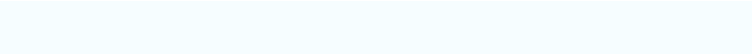
12.7501, 0.6145, 0.3503



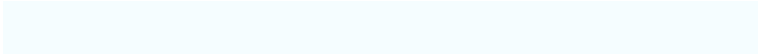
1.3939, 0.5935, 0.3670

Inverse Universe

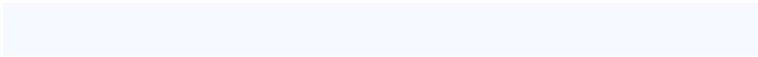
The Inverse Universe completely reimagines the original color for something new.



97.0934, 0.3072, 0.3271



96.7026, 0.3065, 0.3268



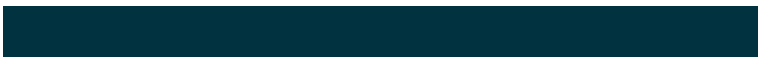
94.3040, 0.3074, 0.3227



20.5684, 0.3053, 0.3264



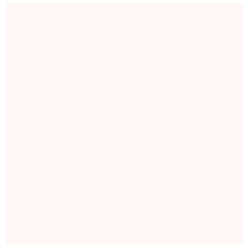
25.4123, 0.2047, 0.2569



2.6331, 0.2072, 0.2660

Previews

White Background



This preview shows how the Yxy color 95.0486, 0.3184, 0.3309 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 95.0486, 0.3184, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

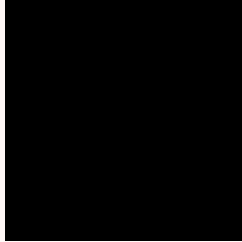
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

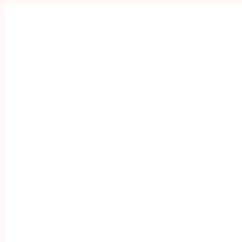
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0486, 0.3184, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 95.0486, 0.3184, 0.3309.



This preview shows how white text looks on a background with the Yxy color 95.0486, 0.3184, 0.3309.

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**

95.0486, 0.3184, 0.3309

Protanopia

94.8595, 0.3177, 0.3309

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy

Original Color

95.0486, 0.3184, 0.3309

Protanomaly

94.8595, 0.3177, 0.3309

Deuteranomaly

95.1721, 0.3172, 0.3290

Tritanomaly

95.0457, 0.3135, 0.3252

Monochromacy

Original Color

95.0486, 0.3184, 0.3309

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.2864, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0486, 0.3184, 0.3309 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, 248, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 246)  
}
```

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, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 246) }
```

Border

The CSS property to change the border of an element to Yxy 95.0486, 0.3184, 0.3309 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, 248, 246) }
```

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

```
.border{ border-color:rgb(255, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0486, 0.3184, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 246) }
```

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

```
.background{ background-color: rgb(255,  
248, 246) }
```

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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