

Converting Colors

$Yxy(94.8389, 0.3191, 0.3336)$

Have a look what the booklet for
Yxy(94.8389, 0.3191, 0.3336)
contains.

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Color

Yxy(94.7373, 0.3189, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F4
RGB	254, 248, 244
RGB Percent	100%, 97%, 96%
CMY	0.0042, 0.0274, 0.0431
CMYK	0.00, 0.02, 0.04, 0.00
HSL	24°, 82%, 98%
HSV	24°, 4%, 100%
XYZ	90.7532, 94.7373, 99.0914
YIQ	249.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

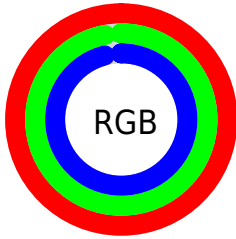
Format	Color
R_{YB}	254, 251, 244
Decimal	16709876
CIE _{Lab}	97.93, 1.28, 2.61
CIE _{LCh}	98, 2.911, 63.826
Yxy	94.7373, 0.3189, 0.3329
Android (android.graphics.Color)	4294899956 (0xFFFEF8F4)
YUV	249.3380, -2.6316, 4.0886
Hunter-Lab	97.3331, -3.8999, 7.7721

Details

The Yxy color 94.7373, 0.3189, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.7060, 0.3067, 0.3251, and the grayscale version is 95.0395, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2004, 0.3198, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 84.3794, 0.3365, 0.3433, and if you desaturate by 10%, it is 99.7996, 0.3121, 0.3290.

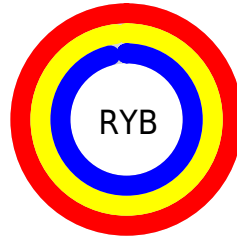
Distribution



Red (100%)

Green (97%)

Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)

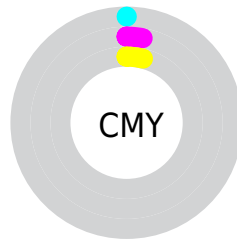


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7373, 0.3189, 0.3329 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 94.7373, 0.3189, 0.3329 by changing the saturation by 10% instead.

 94.7373, 0.3189,
0.3329

 94.7373, 0.3189,
0.3329


543.3236, 0.3162,
0.3312

 71.9163, 0.3195,
0.3333


153.9016, 0.3180,
0.3323

 53.0903, 0.3202,
0.3337


191.0138, 0.3176,
0.3321

 37.8749, 0.3211,
0.3343

233.6585, 0.3173,
0.3319

 25.8856, 0.3223,
0.3350


282.2201, 0.3170,
0.3317

 16.7381, 0.3238,
0.3359

337.0830, 0.3168,
0.3316

 10.0479, 0.3258,
0.3372

398.6316, 0.3165,

 5.4307, 0.3288,

0.3314

0.3390

467.2504, 0.3163,
0.3313

■ 2.5021, 0.3336,
0.3419

■ 0.8777, 0.3440,
0.3488

■ 94.7373, 0.3189,
0.3329

■ 94.7373, 0.3189,
0.3329

■ 84.3794, 0.3365,
0.3433

99.7996, 0.3121,
0.3290

■ 74.9544, 0.3570,
0.3543

■ 66.4388, 0.3806,
0.3655

■ 58.8038, 0.4075,
0.3764

■ 52.0186, 0.4373,
0.3862

■ 46.0505, 0.4692,
0.3937

■ 40.8644, 0.5016,
0.3976

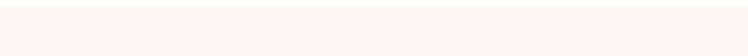
■ 36.4216, 0.5321,
0.3967

■ 32.6787, 0.5582,
0.3903

Harmonies

Analogous

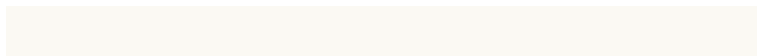
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7373, 0.3187, 0.3304



94.7373, 0.3189, 0.3329



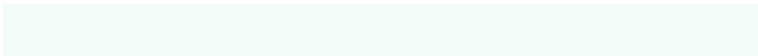
94.7373, 0.3174, 0.3344

Triad

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



94.7373, 0.3189, 0.3329



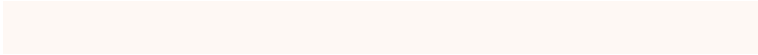
94.7373, 0.3086, 0.3305



94.7373, 0.3107, 0.3237

Complementary

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



94.7373, 0.3189, 0.3329



94.7060, 0.3067, 0.3251

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.



94.7373, 0.3080, 0.3237



94.7373, 0.3189, 0.3329



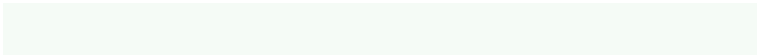
94.7373, 0.3068, 0.3276

Square

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



94.7373, 0.3189, 0.3329



94.7373, 0.3115, 0.3330



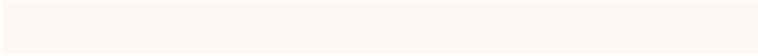
94.7373, 0.3066, 0.3251



94.7373, 0.3139, 0.3251

Rectangle

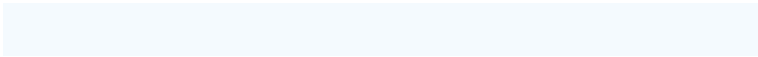
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



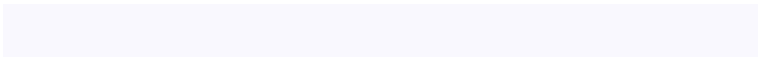
94.7373, 0.3189, 0.3329



94.7373, 0.3157, 0.3346



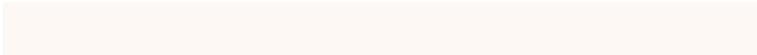
94.7373, 0.3066, 0.3251



94.7373, 0.3097, 0.3235

Sweetspot

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



94.7414, 0.3189, 0.3329



98.8722, 0.3143, 0.3300



92.6624, 0.3156, 0.3233



21.1746, 0.3142, 0.3299



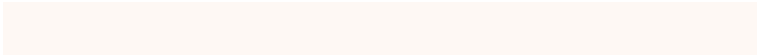
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.7414, 0.3189, 0.3329



94.4586, 0.3207, 0.3340



97.8084, 0.3186, 0.3376



20.0555, 0.3219, 0.3347



16.4733, 0.5687, 0.3866



1.8116, 0.5480, 0.4031

Inverse Universe

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



94.7060, 0.3067, 0.3251



94.4132, 0.3050, 0.3239



91.6880, 0.3068, 0.3202



20.0445, 0.3039, 0.3232



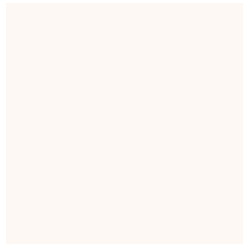
15.7725, 0.1862, 0.1903



1.7503, 0.1910, 0.2077

Previews

White Background



This preview shows how the Yxy color 94.7373, 0.3189, 0.3329 looks on a white background.

Color Contrast Check

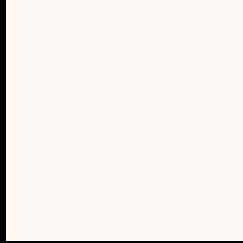
Large Text (above 18pt) WCAG AA × Fail

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 94.7373, 0.3189, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

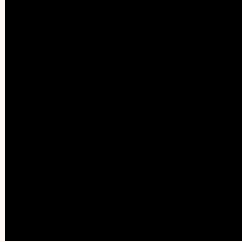
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7373, 0.3189, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 94.7373, 0.3189, 0.3329.



This preview shows how white text looks on a background with the Yxy color 94.7373, 0.3189, 0.3329.

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

94.7373, 0.3189, 0.3329

Protanopia

94.9265, 0.3196, 0.3329

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.4370, 0.3112, 0.3213

Trichromacy

A vertical bar with a color gradient from light orange at the top to light pink at the bottom.

Original Color

94.7373, 0.3189, 0.3329

Protanomaly

94.9265, 0.3196, 0.3329

Deuteranomaly

94.4969, 0.3178, 0.3290

Tritanomaly

94.3692, 0.3142, 0.3252

Monochromacy

A vertical bar with a color gradient from light orange at the top to light grey at the bottom.

Original Color

94.7373, 0.3189, 0.3329

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.9760, 0.3152, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7373, 0.3189, 0.3329 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(254, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 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(254, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 244) }
```

Border

The CSS property to change the border of an element to Yxy 94.7373, 0.3189, 0.3329 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(254, 248, 244) }
```

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

```
.border{ border-color:rgb(254, 248, 244) }
```

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

Here you see how a box with a 4 pixel rgb(254, 248, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7373, 0.3189, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 244) }
```

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

```
.background{ background-color: rgb(254,  
248, 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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