

Converting Colors

$Y_{xy}(94.2649, 0.3240, 0.3413)$

Have a look what the booklet for
Yxy(94.2649, 0.3240, 0.3413)
contains.

Yxy(94.2038, 0.3244, 0.3417)	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(94.2038, 0.3244, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8EB
RGB	254, 248, 235
RGB Percent	100%, 97%, 92%
CMY	0.0039, 0.0274, 0.0785
CMYK	0.00, 0.02, 0.07, 0.00
HSL	41°, 91%, 96%
HSV	41°, 7%, 100%
XYZ	89.4343, 94.2038, 92.0534
YIQ	248.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

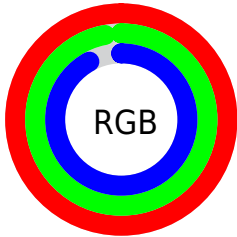
Format	Color
R _Y B	244, 254, 235
Decimal	16709867
CIE Lab	97.71, -0.19, 6.94
CIE LCh	98, 6.947, 91.559
Yxy	94.2038, 0.3244, 0.3417
Android (android.graphics.Color)	4294899947 (0xFFFEF8EB)
YUV	248.3120, -6.5628, 4.9884
Hunter-Lab	97.0586, -5.3744, 11.7086

Details

The Yxy color 94.2038, 0.3244, 0.3417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7143, 0.3011, 0.3160, and the grayscale version is 94.1900, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8243, 0.3268, 0.3452 is the 20% darker color. If you saturate the color by 10%, you get 88.0237, 0.3414, 0.3594, and if you desaturate by 10%, it is 99.8114, 0.3121, 0.3290.

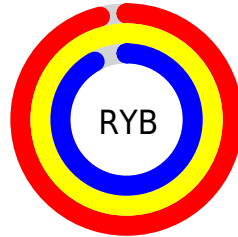
Distribution



Red (100%)

Green (97%)

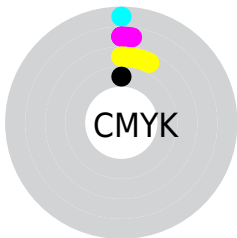
Blue (92%)



Red (96%)

Yellow (100%)

Blue (92%)

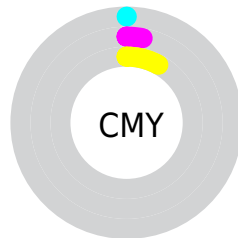


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2038, 0.3244, 0.3417 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 94.2038, 0.3244, 0.3417 by changing the saturation by 10% instead.


 94.2038, 0.3244,
0.3417

 94.2038, 0.3244,
0.3417


541.6129, 0.3192,
0.3361

 71.4725, 0.3255,
0.3429


153.1642, 0.3227,
0.3398

 52.7279, 0.3269,
0.3444


190.1620, 0.3220,
0.3390

 37.5856, 0.3286,
0.3463


232.6841, 0.3214,
0.3384

 25.6612, 0.3307,
0.3486


281.1149, 0.3208,
0.3378

 16.5703, 0.3336,
0.3517

335.8388, 0.3204,
0.3373

 9.9286, 0.3374,
0.3559

397.2402, 0.3199,

 5.3517, 0.3430,

0.3369

0.3620

465.7034, 0.3196,
0.3365

■ 2.4550, 0.3519,
0.3717

■ 0.8540, 0.3833,
0.4056

■ 94.2038, 0.3244,
0.3417

■ 94.2038, 0.3244,
0.3417

■ 88.0237, 0.3414,
0.3594

99.8114, 0.3121,
0.3290

■ 82.2484, 0.3599,
0.3776

■ 76.8698, 0.3797,
0.3957

■ 71.8750, 0.4003,
0.4129

■ 67.2502, 0.4210,
0.4282

■ 62.9799, 0.4411,
0.4405

■ 59.0473, 0.4594,
0.4487

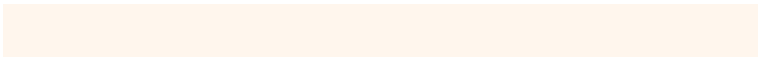
■ 55.4328, 0.4749,
0.4519

■ 52.1116, 0.4872,
0.4500

Harmonies

Analogous

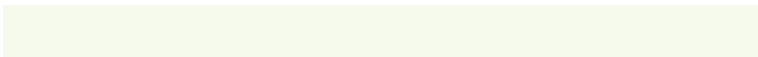
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2038, 0.3276, 0.3378



94.2038, 0.3244, 0.3417



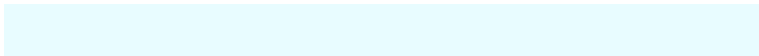
94.2038, 0.3180, 0.3422

Triad

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



94.2038, 0.3244, 0.3417



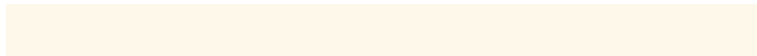
94.2038, 0.2988, 0.3261



94.2038, 0.3150, 0.3194

Complementary

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



94.2038, 0.3244, 0.3417



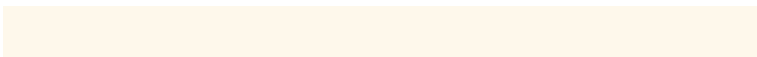
87.7143, 0.3011, 0.3160

Split Complementary

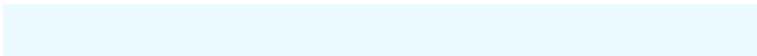
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2038, 0.3073, 0.3162



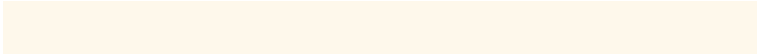
94.2038, 0.3244, 0.3417



94.2038, 0.2980, 0.3200

Square

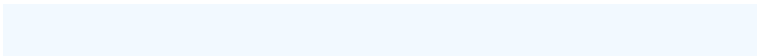
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.2038, 0.3244, 0.3417



94.2038, 0.3033, 0.3330



94.2038, 0.3011, 0.3164



94.2038, 0.3222, 0.3250

Rectangle

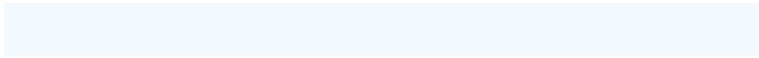
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.2038, 0.3244, 0.3417



94.2038, 0.3129, 0.3404



94.2038, 0.3011, 0.3164



94.2038, 0.3124, 0.3180

Sweetspot

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



94.2079, 0.3244, 0.3417



98.6543, 0.3157, 0.3323



86.8303, 0.3217, 0.3231



21.1303, 0.3156, 0.3322



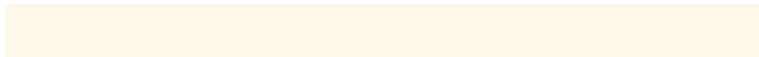
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.2079, 0.3244, 0.3417



94.0793, 0.3269, 0.3443



97.3024, 0.3216, 0.3475



20.0680, 0.3277, 0.3452



27.3297, 0.4886, 0.4502



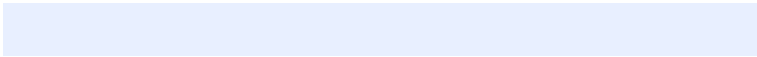
2.8572, 0.4787, 0.4581

Inverse Universe

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



87.7143, 0.3011, 0.3160



86.2843, 0.2987, 0.3132



84.8224, 0.3034, 0.3100



18.3122, 0.2979, 0.3122



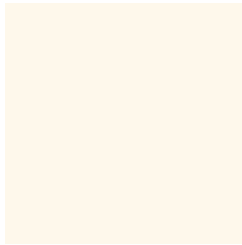
7.0352, 0.1620, 0.1030



0.8711, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 94.2038, 0.3244, 0.3417 looks on a white background.

Color Contrast Check

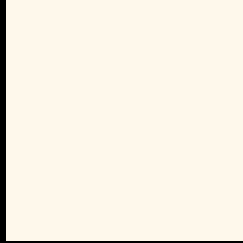
Large Text (above 18pt) WCAG AA × Fail

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 94.2038, 0.3244, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

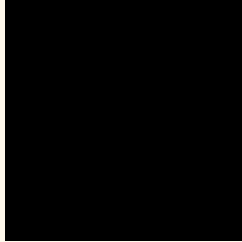
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.2038, 0.3244, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 94.2038, 0.3244, 0.3417.

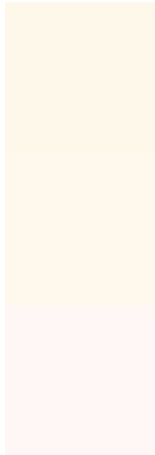


This preview shows how white text looks on a background with the Yxy color 94.2038, 0.3244, 0.3417.

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

94.2038, 0.3244, 0.3417

Protanopia

94.5092, 0.3238, 0.3397

Deuteranopia

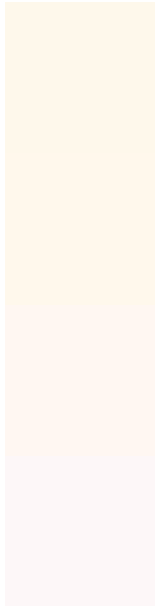
94.4353, 0.3185, 0.3300



Tritanopia

94.0142, 0.3118, 0.3204

Trichromacy



Original Color

94.2038, 0.3244, 0.3417

Protanomaly

94.4509, 0.3244, 0.3407

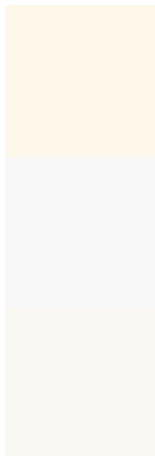
Deuteranomaly

94.1923, 0.3209, 0.3339

Tritanomaly

94.1815, 0.3160, 0.3280

Monochromacy



Original Color

94.2038, 0.3244, 0.3417

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9299, 0.3170, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2038, 0.3244, 0.3417 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 94.2038, 0.3244, 0.3417 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, 235) }
```

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

```
.border{ border-color:rgb(254, 248, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2038, 0.3244, 0.3417 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, 235) }
```

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

```
.background{ background-color: rgb(254,  
248, 235) }
```

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