

# Converting Colors

$Yxy(94.2208, 0.3277, 0.3460)$

Have a look what the booklet for  
Yxy(94.2208, 0.3277, 0.3460)  
contains.

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# Color

**Yxy(94.1643, 0.3275, 0.3456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF8E7
RGB	255, 248, 231
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0274, 0.0941
CMYK	0.00, 0.03, 0.09, 0.00
HSL	43°, 100%, 95%
HSV	43°, 9%, 100%
XYZ	89.2327, 94.1643, 89.0692
YIQ	248.1550, 9.6290, -3.8030

# Conversions

## Conversions Part 2

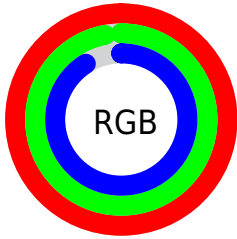
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 255, 231
Decimal	16775399
CIE <sub>Lab</sub>	97.70, -0.49, 8.98
CIE <sub>LCh</sub>	98, 8.997, 93.116
Yxy	94.1643, 0.3275, 0.3456
Android (android.graphics.Color)	4294965479 (0xFFFFF8E7)
YUV	248.1550, -8.4574, 6.0031
Hunter-Lab	97.0383, -5.6753, 13.5059

# Details

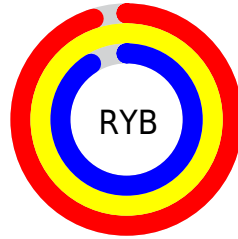
The Yxy color **94.1643, 0.3275, 0.3456** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **cosmic latte**. A complement of this color would be **85.3523, 0.2980, 0.3118**, and the grayscale version is **94.0682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8002, 0.3308, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **88.3496, 0.3446, 0.3640**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

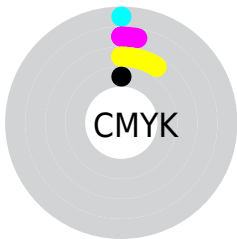
# Distribution



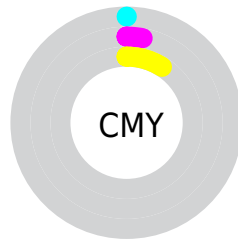
- Red (100%)
- Green (97%)
- Blue (91%)



- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1643, 0.3275, 0.3456 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 94.1643, 0.3275, 0.3456 by changing the saturation by 10% instead.




 94.1643, 0.3275,  
0.3456

 94.1643, 0.3275,  
0.3456

541.4861, 0.3210,  
0.3383

 71.4396, 0.3289,  
0.3472


153.1095, 0.3253,  
0.3431

 52.7010, 0.3307,  
0.3491


190.0989, 0.3244,  
0.3421

 37.5642, 0.3328,  
0.3516


232.6119, 0.3237,  
0.3413

 25.6446, 0.3355,  
0.3546

281.0330, 0.3230,  
0.3405

 16.5580, 0.3391,  
0.3586

335.7466, 0.3224,  
0.3399

 9.9198, 0.3439,  
0.3642

397.1371, 0.3219,

 5.3458, 0.3510,

0.3393

0.3722

465.5888, 0.3214,  
0.3387

■ 2.4516, 0.3621,  
0.3848

■ 0.8522, 0.4092,  
0.4370

■ 94.1643, 0.3275,  
0.3456

■ 94.1643, 0.3275,  
0.3456

■ 88.3496, 0.3446,  
0.3640

100.0000, 0.3127,  
0.3290

■ 82.9128, 0.3631,  
0.3828

■ 77.8444, 0.3827,  
0.4013

■ 73.1319, 0.4028,  
0.4187

■ 68.7614, 0.4227,  
0.4340

■ 64.7179, 0.4415,  
0.4460

■ 60.9846, 0.4583,  
0.4537

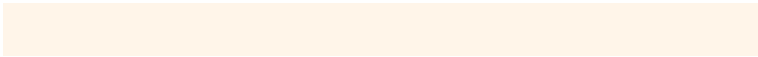
■ 57.5415, 0.4722,  
0.4564

■ 54.3597, 0.4831,  
0.4543

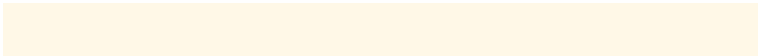
# Harmonies

## Analogous

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



94.1643, 0.3320, 0.3407



94.1643, 0.3275, 0.3456



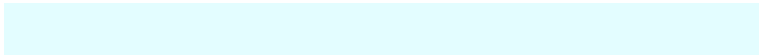
94.1643, 0.3191, 0.3460

# Triad

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



94.1643, 0.3275, 0.3456



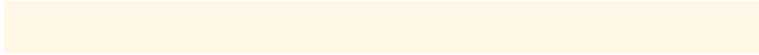
94.1643, 0.2946, 0.3247



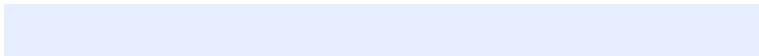
94.1643, 0.3162, 0.3169

# Complementary

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



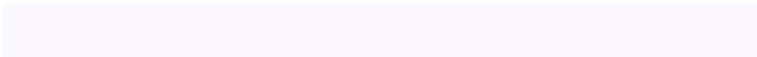
94.1643, 0.3275, 0.3456



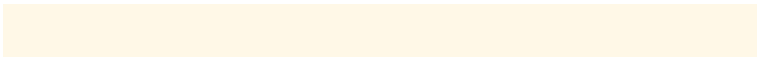
85.3523, 0.2980, 0.3118

# Split Complementary

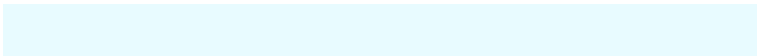
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1643, 0.3062, 0.3126



94.1643, 0.3275, 0.3456



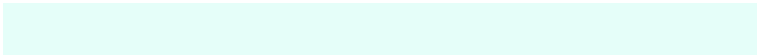
94.1643, 0.2938, 0.3169

# Square

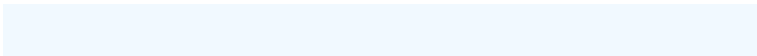
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.1643, 0.3275, 0.3456



94.1643, 0.3001, 0.3338



94.1643, 0.2980, 0.3126



94.1643, 0.3254, 0.3242



# Rectangle

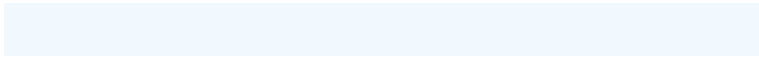
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.1643, 0.3275, 0.3456



94.1643, 0.3124, 0.3436



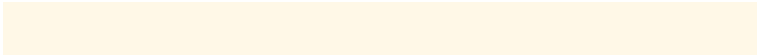
94.1643, 0.2980, 0.3126



94.1643, 0.3128, 0.3150

# Sweetspot

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



94.1667, 0.3275, 0.3456



98.1028, 0.3173, 0.3342



84.5940, 0.3246, 0.3220



20.8908, 0.3185, 0.3356



0.0000, 0.0000, 0.0000

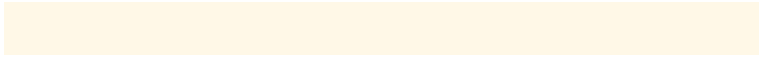


21.4041, 0.3127, 0.3290

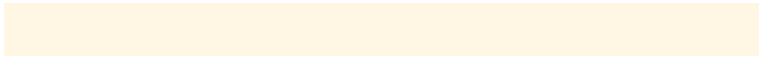


# Same Dimension

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



94.1667, 0.3275, 0.3456



93.2180, 0.3301, 0.3485



97.6501, 0.3237, 0.3525



20.1438, 0.3276, 0.3458



28.5802, 0.4824, 0.4552



2.9715, 0.4734, 0.4623

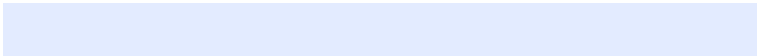


# Inverse Universe

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



85.3523, 0.2980, 0.3118



83.0309, 0.2955, 0.3087



82.1674, 0.3011, 0.3049



18.2401, 0.2979, 0.3117



6.5755, 0.1604, 0.0974

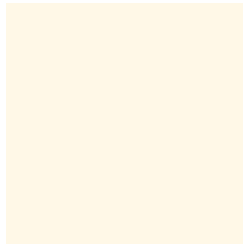


0.8189, 0.1664, 0.1191



# Previews

## White Background



This preview shows how the Yxy color 94.1643, 0.3275, 0.3456 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

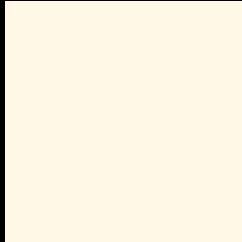
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.1643, 0.3275, 0.3456 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

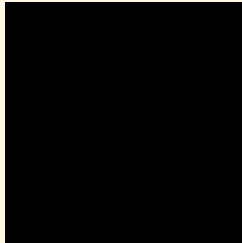
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.1643, 0.3275, 0.3456**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.1643, 0.3275, 0.3456.

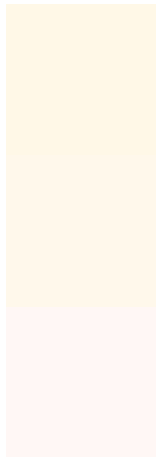


This preview shows how white text looks on a background with the Yxy color 94.1643, 0.3275, 0.3456.

# 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

94.1643, 0.3275, 0.3456

### Protanopia

94.3930, 0.3250, 0.3417

### Deuteranopia

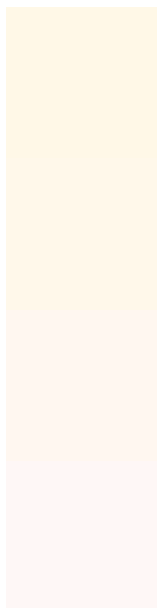
94.3741, 0.3191, 0.3309



## Tritanopia

94.2024, 0.3125, 0.3204

# Trichromacy



## Original Color

94.1643, 0.3275, 0.3456

## Protanomaly

94.3353, 0.3257, 0.3426

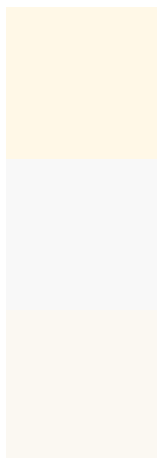
## Deuteranomaly

94.0728, 0.3221, 0.3358

## Tritanomaly

94.2462, 0.3178, 0.3300

# Monochromacy



## Original Color

94.1643, 0.3275, 0.3456

## Achromatopsia

93.8686, 0.3127, 0.3290

## Achromatomaly

94.0548, 0.3182, 0.3349

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  94.1643, 0.3275, 0.3456 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 231) }
```

## Border

The CSS property to change the border of an element to Yxy 94.1643, 0.3275, 0.3456 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, 231) }
```

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

```
.border{ border-color:rgb(255, 248, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
231) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.1643, 0.3275, 0.3456 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
248, 231) }
```

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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