

# Converting Colors

$Yxy(98.0670, 0.3344, 0.3438)$

Have a look what the booklet for  
Yxy(98.0670, 0.3344, 0.3438)  
contains.

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# Color

**Yxy(95.5717, 0.3255, 0.3446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFAEA
RGB	255, 250, 234
RGB Percent	100%, 98%, 92%
CMY	0.0000, 0.0196, 0.0825
CMYK	0.00, 0.02, 0.08, 0.00
HSL	46°, 100%, 96%
HSV	46°, 8%, 100%
XYZ	90.2745, 95.5717, 91.4948
YIQ	249.6710, 8.1160, -3.9160

# Conversions

## Conversions Part 2

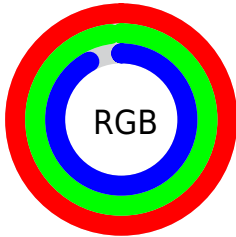
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 255, 234
Decimal	16775914
CIE Lab	98.26, -1.02, 8.27
CIE LCh	98, 8.335, 97.033
Yxy	95.5717, 0.3255, 0.3446
Android (android.graphics.Color)	4294965994 (0xFFFFFAEA)
YUV	249.6710, -7.7258, 4.6735
Hunter-Lab	97.7608, -6.2505, 12.9427

# Details

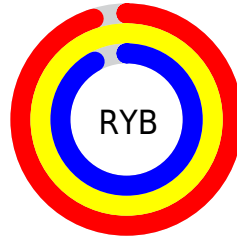
The Yxy color 95.5717, 0.3255, 0.3446 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4063, 0.2999, 0.3129, and the grayscale version is 95.3707, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8037, 0.3281, 0.3488 is the 20% darker color. If you saturate the color by 10%, you get 90.5123, 0.3421, 0.3643, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

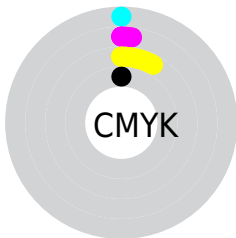
# Distribution



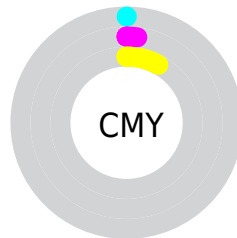
- Red (100%)
- Green (98%)
- Blue (92%)



- Red (95%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.5717, 0.3255, 0.3446 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 95.5717, 0.3255, 0.3446 by changing the saturation by 10% instead.



 95.5717, 0.3255,  
0.3446

 95.5717, 0.3255,  
0.3446


545.9936, 0.3199,  
0.3377

 72.6109, 0.3267,  
0.3461


155.0542, 0.3236,  
0.3423

 53.6579, 0.3282,  
0.3479

192.3447, 0.3228,  
0.3413

 38.3282, 0.3300,  
0.3502


235.1805, 0.3222,  
0.3405

 26.2375, 0.3324,  
0.3530

283.9460, 0.3216,  
0.3398

 17.0014, 0.3354,  
0.3568

339.0257, 0.3211,  
0.3392

 10.2355, 0.3395,  
0.3619

400.8040, 0.3207,

 5.5554, 0.3455,

0.3387

0.3694

469.6651, 0.3202,  
0.3382

■ 2.5767, 0.3549,  
0.3812

■ 0.9149, 0.3879,  
0.4203

■ 95.5717, 0.3255,  
0.3446

■ 95.5717, 0.3255,  
0.3446

■ 90.5123, 0.3421,  
0.3643

100.0000, 0.3127,  
0.3290

■ 85.7725, 0.3599,  
0.3843

■ 81.3435, 0.3784,  
0.4041

■ 77.2136, 0.3972,  
0.4227

■ 73.3704, 0.4155,  
0.4393

■ 69.7999, 0.4325,  
0.4526

■ 66.4867, 0.4473,  
0.4617

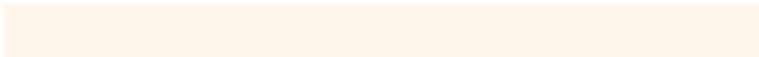
■ 63.4123, 0.4593,  
0.4660

■ 60.5522, 0.4683,  
0.4656

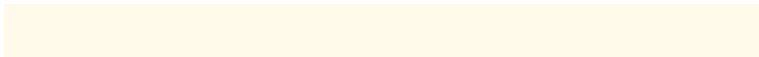
# Harmonies

## Analogous

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



95.5717, 0.3302, 0.3406



95.5717, 0.3255, 0.3446



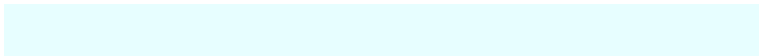
95.5717, 0.3174, 0.3444

# Triad

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



95.5717, 0.3255, 0.3446



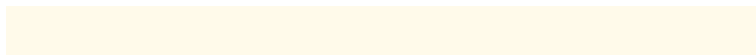
95.5717, 0.2956, 0.3240



95.5717, 0.3171, 0.3185

# Complementary

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



95.5717, 0.3255, 0.3446



86.4063, 0.2999, 0.3129

# Split Complementary

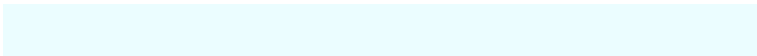
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5717, 0.3079, 0.3142



95.5717, 0.3255, 0.3446



95.5717, 0.2955, 0.3172

# Square

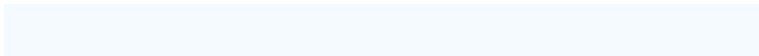
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5717, 0.3255, 0.3446



95.5717, 0.3002, 0.3323



95.5717, 0.3000, 0.3137



95.5717, 0.3253, 0.3256



# Rectangle

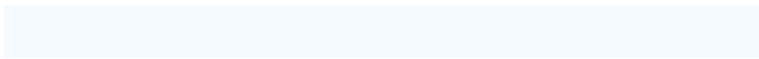
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.5717, 0.3255, 0.3446



95.5717, 0.3112, 0.3418



95.5717, 0.3000, 0.3137



95.5717, 0.3140, 0.3167

# Sweetspot

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



95.5735, 0.3255, 0.3446



98.9063, 0.3157, 0.3327



86.3240, 0.3236, 0.3239



21.1816, 0.3156, 0.3325



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.



95.5735, 0.3255, 0.3446



94.6659, 0.3283, 0.3480



97.7335, 0.3217, 0.3495



20.3173, 0.3275, 0.3470



31.6292, 0.4687, 0.4660



3.2471, 0.4619, 0.4715



# Inverse Universe

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



86.4063, 0.2999, 0.3129



83.6922, 0.2971, 0.3093



84.4274, 0.3033, 0.3080



18.0772, 0.2979, 0.3103



5.6778, 0.1572, 0.0860

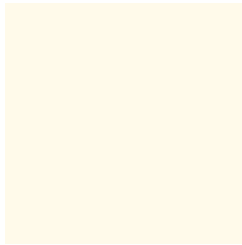


0.7125, 0.1629, 0.1064



# Previews

## White Background



This preview shows how the Yxy color 95.5717, 0.3255, 0.3446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

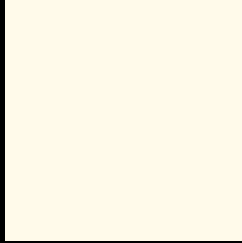
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.5717, 0.3255, 0.3446 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 95.5717, 0.3255, 0.3446**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.5717, 0.3255, 0.3446.

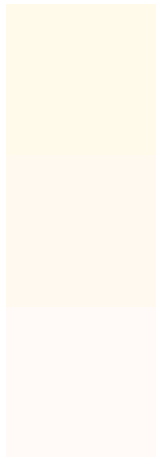


This preview shows how white text looks on a background with the Yxy color 95.5717, 0.3255, 0.3446.

# 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

95.5717, 0.3255, 0.3446

### Protanopia

95.3026, 0.3219, 0.3377

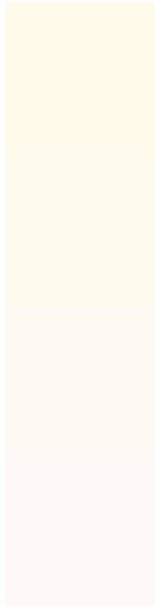
### Deuteranopia

95.7887, 0.3171, 0.3300

## Tritanopia

95.8540, 0.3117, 0.3233

# Trichromacy



## Original Color

95.5717, 0.3255, 0.3446

## Protanomaly

95.1844, 0.3231, 0.3397

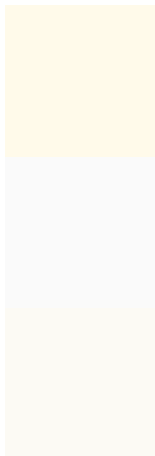
## Deuteranomaly

95.4824, 0.3201, 0.3348

## Tritanomaly

95.5376, 0.3171, 0.3309

# Monochromacy



## Original Color

95.5717, 0.3255, 0.3446

## Achromatopsia

95.5973, 0.3127, 0.3290

## Achromatomaly

95.5983, 0.3175, 0.3348

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.5717, 0.3255, 0.3446 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, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 234)  
}
```

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, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 234) }
```

## Border

The CSS property to change the border of an element to Yxy 95.5717, 0.3255, 0.3446 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, 250, 234) }
```

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

```
.border{ border-color:rgb(255, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
234) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.5717, 0.3255, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 234) }
```

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

```
.background{ background-color: rgb(255,  
250, 234) }
```

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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