

# Converting Colors

$Yxy(95.4588, 0.3421, 0.3753)$

Have a look what the booklet for  
Yxy(95.4588, 0.3421, 0.3753)  
contains.

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# **Color**

**Yxy(95.0994, 0.3422, 0.3754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFCCD
RGB	254, 252, 205
RGB Percent	100%, 99%, 80%
CMY	0.0041, 0.0117, 0.1961
CMYK	0.00, 0.01, 0.19, 0.00
HSL	58°, 96%, 90%
HSV	58°, 19%, 100%
XYZ	86.6889, 95.0994, 71.5399
YIQ	247.2400, 16.2790, -14.1930

# Conversions

## Conversions Part 2

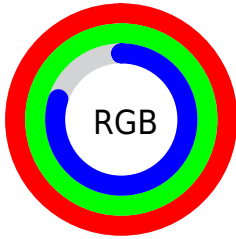
Format	Color
R <sub>Y</sub> B	207, 254, 205
Decimal	16710861
CIE Lab	98.07, -6.80, 22.81
CIE LCh	98, 23.801, 106.609
Yxy	95.0994, 0.3422, 0.3754
Android (android.graphics.Color)	4294900941 (0xFFFEFCCD)
YUV	247.2400, -20.8243, 5.9285
Hunter-Lab	97.5189, -11.9815, 24.7681

# Details

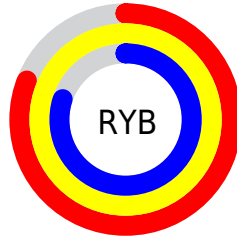
The Yxy color **95.0994, 0.3422, 0.3754** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.7203, 0.2807, 0.2780**, and the grayscale version is **93.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1349, 0.3481, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **93.3478, 0.3579, 0.3998**, and if you desaturate by 10%, it is **97.0618, 0.3267, 0.3510**.

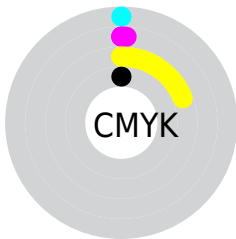
# Distribution



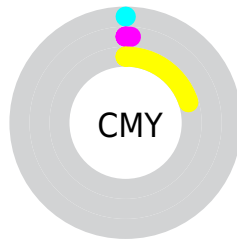
- Red (100%)
- Green (99%)
- Blue (80%)



- Red (81%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0994, 0.3422, 0.3754 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 95.0994, 0.3422, 0.3754 by changing the saturation by 10% instead.




 95.0994, 0.3422,  
0.3754

 95.0994, 0.3422,  
0.3754


544.4831, 0.3294,  
0.3547

 72.2177, 0.3449,  
0.3799

154.4019, 0.3379,  
0.3684

 53.3365, 0.3482,  
0.3854


191.5915, 0.3362,  
0.3656

 38.0715, 0.3522,  
0.3922


234.3193, 0.3347,  
0.3632

 26.0382, 0.3572,  
0.4009

282.9695, 0.3334,  
0.3611

 16.8522, 0.3635,  
0.4122

337.9266, 0.3322,  
0.3592

 10.1292, 0.3718,  
0.4275

399.5750, 0.3312,

 5.4847, 0.3829,

0.3576

0.4494

468.2990, 0.3302,  
0.3561

■ 2.5344, 0.4012,  
0.4867

■ 0.8938, 0.4333,  
0.5667

■ 95.0994, 0.3422,  
0.3754

■ 95.0994, 0.3422,  
0.3754

■ 93.3478, 0.3579,  
0.3998

■ 97.0618, 0.3267,  
0.3510

■ 91.7847, 0.3731,  
0.4234

■ 99.1807, 0.3121,  
0.3281

■ 90.4040, 0.3874,  
0.4451

■ 99.8017, 0.3121,  
0.3290

■ 89.1943, 0.4001,  
0.4641

 88.1429, 0.4106,  
0.4793

 87.2354, 0.4184,  
0.4903

 86.4544, 0.4236,  
0.4968

 85.7740, 0.4263,  
0.4994

 85.7265, 0.4265,  
0.4996

# Harmonies

## Analogous

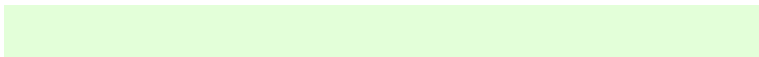
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0994, 0.3599, 0.3662



95.0994, 0.3422, 0.3754



95.0994, 0.3170, 0.3713

# Triad

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



95.0994, 0.3422, 0.3754



95.0994, 0.2634, 0.3067



95.0994, 0.3333, 0.3054

# Complementary

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



95.0994, 0.3422, 0.3754



64.7203, 0.2807, 0.2780

# 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.



95.0994, 0.3067, 0.2909



95.0994, 0.3422, 0.3754



95.0994, 0.2672, 0.2908

# Square

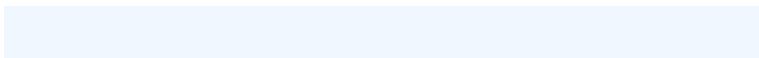
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.0994, 0.3422, 0.3754



95.0994, 0.2720, 0.3300



95.0994, 0.2827, 0.2854

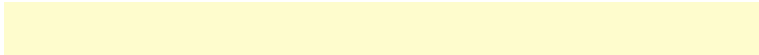


95.0994, 0.3549, 0.3259

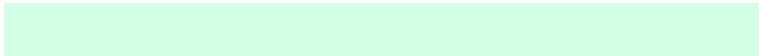


# Rectangle

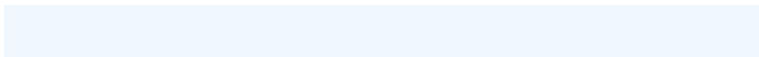
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0994, 0.3422, 0.3754



95.0994, 0.2995, 0.3612



95.0994, 0.2827, 0.2854



95.0994, 0.3246, 0.2997

# Sweetspot

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



95.1036, 0.3422, 0.3754



98.6692, 0.3217, 0.3432



69.2485, 0.3490, 0.3266



21.0893, 0.3227, 0.3447



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

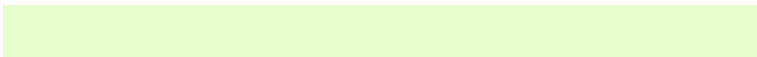
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1036, 0.3422, 0.3754



95.3149, 0.3480, 0.3845



92.4032, 0.3273, 0.3795



20.9606, 0.3270, 0.3516



45.2692, 0.4264, 0.4997



4.4444, 0.4255, 0.5004



# Inverse Universe

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



64.7203, 0.2807, 0.2780



59.6944, 0.2736, 0.2667



67.1478, 0.2957, 0.2781



17.4925, 0.2978, 0.3054



3.9363, 0.1507, 0.0623

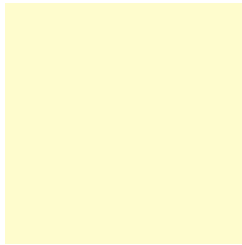


0.4219, 0.1522, 0.0679



# Previews

## White Background



This preview shows how the Yxy color 95.0994, 0.3422, 0.3754 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

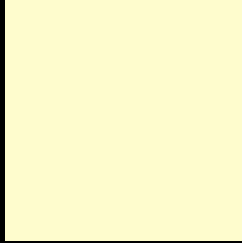
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.0994, 0.3422, 0.3754 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

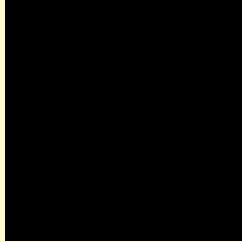
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 95.0994, 0.3422, 0.3754**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.0994, 0.3422, 0.3754.



This preview shows how white text looks on a background with the Yxy color 95.0994, 0.3422, 0.3754.

# Color Blindness Simulation

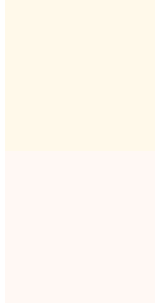
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.0994, 0.3422, 0.3754



### Protanopia

94.9519, 0.3256, 0.3436

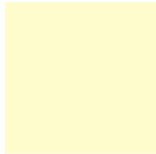
### Deuteranopia

94.9265, 0.3196, 0.3329

## Tritanopia

94.8124, 0.3124, 0.3213

# Trichromacy



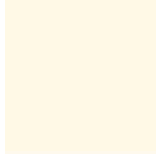
## Original Color

95.0994, 0.3422, 0.3754



## Protanomaly

94.9589, 0.3322, 0.3554



## Deuteranomaly

94.7245, 0.3280, 0.3475



## Tritanomaly

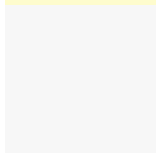
94.9366, 0.3231, 0.3407

# Monochromacy



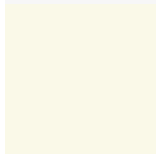
## Original Color

95.0994, 0.3422, 0.3754



## Achromatopsia

93.0111, 0.3127, 0.3290



## Achromatomaly

93.9016, 0.3235, 0.3457

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  95.0994, 0.3422, 0.3754 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, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 205)  
}
```

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, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 205) }
```

## Border

The CSS property to change the border of an element to Yxy 95.0994, 0.3422, 0.3754 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, 252, 205) }
```

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

```
.border{ border-color:rgb(254, 252, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
205) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.0994, 0.3422, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 205) }
```

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

```
.background{ background-color: rgb(254,  
252, 205) }
```

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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