

# Converting Colors

Yxy(95.6938, 0.3330, 0.3737)

Have a look what the booklet for  
Yxy(95.6938, 0.3330, 0.3737)  
contains.

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# Color

**Yxy(95.7660, 0.3334, 0.3739)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F6FFD2
RGB	246, 255, 210
RGB Percent	96%, 100%, 82%
CMY	0.0354, 0.0000, 0.1764
CMYK	0.04, 0.00, 0.18, 0.00
HSL	72°, 100%, 91%
HSV	72°, 18%, 100%
XYZ	85.3928, 95.7660, 74.9685
YIQ	247.1790, 9.0810, -15.9030

# Conversions

## Conversions Part 2

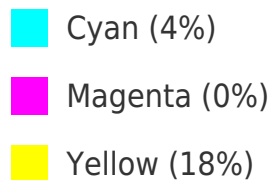
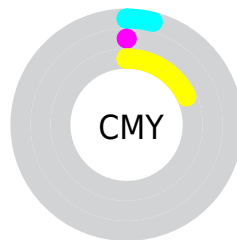
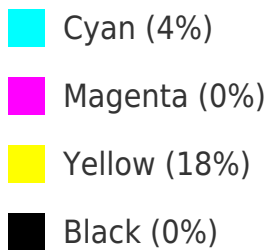
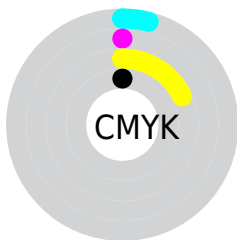
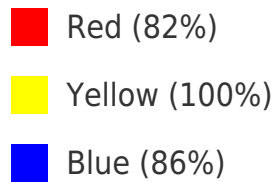
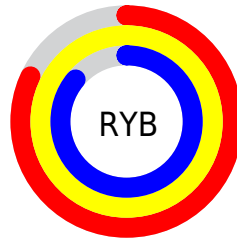
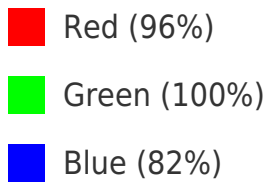
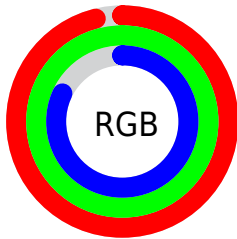
Format	Color
<a href="#">RYB</a>	<a href="#">210, 255, 219</a>
Decimal	<a href="#">16187346</a>
CIELab	<a href="#">98.34, -10.38, 20.53</a>
CIELCh	<a href="#">98, 23.005, 116.815</a>
Yxy	<a href="#">95.7660, 0.3334, 0.3739</a>
Android (android.graphics.Color)	<a href="#">4294377426</a> (0xFFFF6FFD2)
YUV	<a href="#">247.1790, -18.3292, -1.0340</a>
Hunter-Lab	<a href="#">97.8601, -15.4959, 23.0813</a>

# Details

The Yxy color 95.7660, 0.3334, 0.3739 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 68.3908, 0.2896, 0.2816, and the grayscale version is 93.3050, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5735, 0.3375, 0.3839 is the 20% darker color. If you saturate the color by 10%, you get 93.6773, 0.3451, 0.4006, and if you desaturate by 10%, it is 98.0741, 0.3216, 0.3479.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.7660, 0.3334, 0.3739 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 95.7660, 0.3334, 0.3739 by changing the saturation by 10% instead.




 95.7660, 0.3334,  
0.3739

 95.7660, 0.3334,  
0.3739

546.6143, 0.3245,  
0.3538

 72.7727, 0.3353,  
0.3783


155.3224, 0.3304,  
0.3670

 53.7901, 0.3375,  
0.3837


192.6543, 0.3293,  
0.3643

 38.4339, 0.3402,  
0.3905


235.5346, 0.3282,  
0.3620

 26.3196, 0.3436,  
0.3990

284.3475, 0.3273,  
0.3599

 17.0629, 0.3479,  
0.4103

339.4776, 0.3265,  
0.3581

 10.2793, 0.3533,  
0.4259


401.3091, 0.3258,


 5.5846, 0.3605,


0.3565

0.4484

470.2266, 0.3251,  
0.3551

 2.5942, 0.3704,  
0.4847


 0.9237, 0.4032,  
0.5968

 95.7660, 0.3334,  
0.3739


 95.7660, 0.3334,  
0.3739

 93.6773, 0.3451,  
0.4006


 98.0741, 0.3216,  
0.3479


 91.8111, 0.3562,  
0.4274

100.0000, 0.3127,  
0.3290


 90.1526, 0.3662,  
0.4531

 88.6904, 0.3746,  
0.4768

 87.4116, 0.3808,  
0.4973

 86.3017, 0.3845,  
0.5136

 85.3437, 0.3855,  
0.5253

 84.5151, 0.3841,  
0.5323

 84.3307, 0.3836,  
0.5337

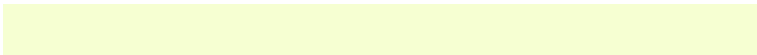
# Harmonies

## Analogous

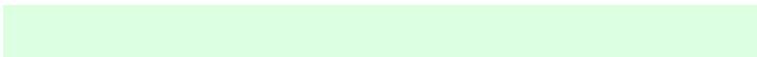
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.7660, 0.3536, 0.3692



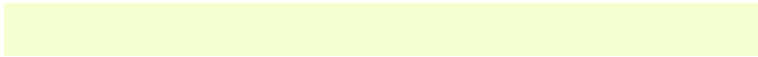
95.7660, 0.3334, 0.3739



95.7660, 0.3082, 0.3654

# Triad

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



95.7660, 0.3334, 0.3739



95.7660, 0.2649, 0.3013



95.7660, 0.3405, 0.3125

# Complementary

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



95.7660, 0.3334, 0.3739



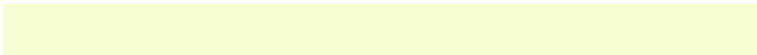
68.3908, 0.2896, 0.2816

# Split Complementary

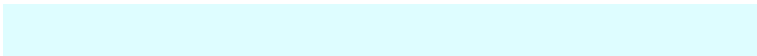
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.7660, 0.3157, 0.2961



95.7660, 0.3334, 0.3739



95.7660, 0.2727, 0.2891

# Square

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



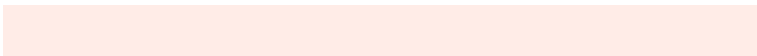
95.7660, 0.3334, 0.3739



95.7660, 0.2693, 0.3219



95.7660, 0.2910, 0.2876

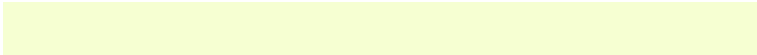


95.7660, 0.3581, 0.3333

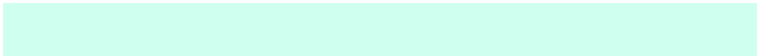


# Rectangle

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



95.7660, 0.3334, 0.3739



95.7660, 0.2920, 0.3533



95.7660, 0.2910, 0.2876



95.7660, 0.3327, 0.3064

# Sweetspot

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



95.7617, 0.3334, 0.3739



98.7236, 0.3185, 0.3413



76.5855, 0.3454, 0.3382



21.0936, 0.3193, 0.3431



0.0000, 0.0000, 0.0000

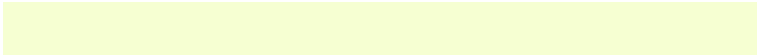


21.4041, 0.3127, 0.3290

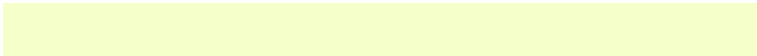


# Same Dimension

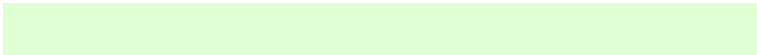
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7617, 0.3334, 0.3739



95.0362, 0.3374, 0.3828



91.9439, 0.3189, 0.3760



20.8958, 0.3238, 0.3527



44.1293, 0.3842, 0.5332



4.3412, 0.3884, 0.5298



# Inverse Universe

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



68.3908, 0.2896, 0.2816



63.2301, 0.2846, 0.2716



72.1130, 0.3052, 0.2838



17.5533, 0.3010, 0.3046



4.1922, 0.1597, 0.0654

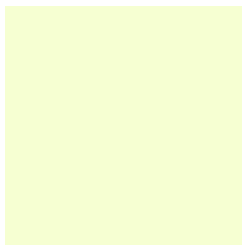


0.4514, 0.1696, 0.0708



# Previews

## White Background



This preview shows how the Yxy color 95.7660, 0.3334, 0.3739 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

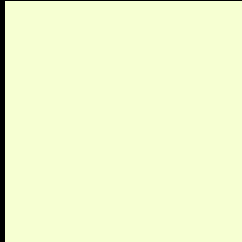
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.7660, 0.3334, 0.3739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

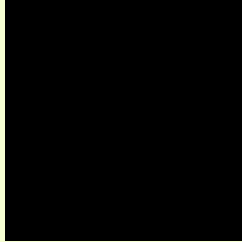
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

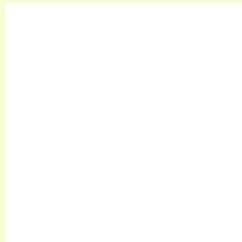
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.7660, 0.3334, 0.3739**

## Background



This preview shows how black text looks on a background with the Yxy color 95.7660, 0.3334, 0.3739.

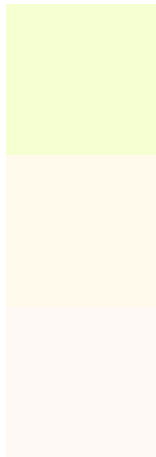


This preview shows how white text looks on a background with the Yxy color 95.7660, 0.3334, 0.3739.

# 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

95.7660, 0.3334, 0.3739

### Protanopia

95.6873, 0.3243, 0.3426

### Deuteranopia

95.6652, 0.3183, 0.3319

## Tritanopia

95.4806, 0.3105, 0.3232

# Trichromacy

	<b>Original Color</b> 95.7660, 0.3334, 0.3739
	<b>Protanomaly</b> 95.8623, 0.3275, 0.3535
	<b>Deuteranomaly</b> 95.5730, 0.3240, 0.3466
	<b>Tritanomaly</b> 95.3661, 0.3185, 0.3407

# Monochromacy

	<b>Original Color</b> 95.7660, 0.3334, 0.3739
	<b>Achromatopsia</b> 93.0111, 0.3127, 0.3290
	<b>Achromatomaly</b> 94.0859, 0.3203, 0.3448

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.7660, 0.3334, 0.3739 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(246, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 210)  
}
```

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(246, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 210) }
```

## Border

The CSS property to change the border of an element to Yxy 95.7660, 0.3334, 0.3739 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(246, 255, 210) }
```

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

```
.border{ border-color:rgb(246, 255, 210) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
210) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.7660, 0.3334, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 210) }
```

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

```
.background{ background-color: rgb(246,  
255, 210) }
```

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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