

# Converting Colors

$Yxy(95.3144, 0.3264, 0.3565)$

Have a look what the booklet for  
Yxy(95.3144, 0.3264, 0.3565)  
contains.

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# Color

**Yxy(95.0135, 0.3261, 0.3557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8FCE1
RGB	248, 252, 225
RGB Percent	97%, 99%, 88%
CMY	0.0276, 0.0117, 0.1176
CMYK	0.02, 0.00, 0.11, 0.01
HSL	69°, 82%, 94%
HSV	69°, 11%, 99%
XYZ	87.1068, 95.0135, 84.9966
YIQ	247.7260, 6.2830, -9.2450

# Conversions

## Conversions Part 2

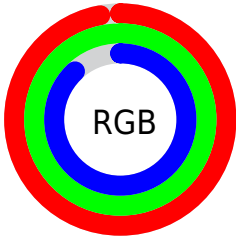
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	225, 252, 229
Decimal	16317665
CIE Lab	98.04, -5.88, 12.47
CIE LCh	98, 13.782, 115.240
Yxy	95.0135, 0.3261, 0.3557
Android (android.graphics.Color)	4294507745 (0xFFFF8FCE1)
YUV	247.7260, -11.2039, 0.2403
Hunter-Lab	97.4749, -11.0674, 16.5324

# Details

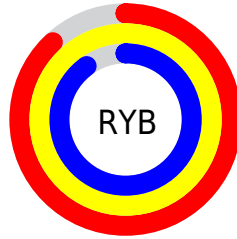
The Yxy color 95.0135, 0.3261, 0.3557 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.5595, 0.2985, 0.3013, and the grayscale version is 93.7238, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1390, 0.3291, 0.3606 is the 20% darker color. If you saturate the color by 10%, you get 93.0593, 0.3388, 0.3817, and if you desaturate by 10%, it is 97.1929, 0.3136, 0.3307.

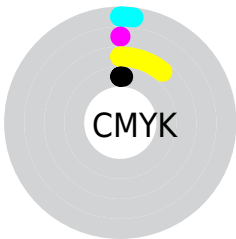
# Distribution



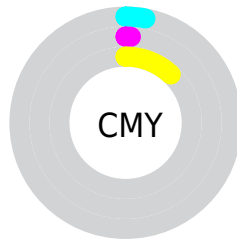
- Red (97%)
- Green (99%)
- Blue (88%)



- Red (88%)
- Yellow (99%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)




- Cyan (3%)
- Magenta (1%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0135, 0.3261, 0.3557 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 95.0135, 0.3261, 0.3557 by changing the saturation by 10% instead.




 95.0135, 0.3261,  
0.3557

 95.0135, 0.3261,  
0.3557


544.2082, 0.3203,  
0.3438

 72.1462, 0.3274,  
0.3583


154.2833, 0.3241,  
0.3517

 53.2781, 0.3289,  
0.3615


191.4545, 0.3234,  
0.3501

 38.0248, 0.3307,  
0.3655


234.1625, 0.3227,  
0.3487

 26.0020, 0.3331,  
0.3705


282.7917, 0.3221,  
0.3475

 16.8251, 0.3361,  
0.3772

337.7265, 0.3215,  
0.3464

 10.1099, 0.3402,  
0.3864

399.3513, 0.3211,

 5.4719, 0.3459,

0.3454

0.3999

468.0504, 0.3206,  
0.3446

■ 2.5267, 0.3544,  
0.4215

■ 0.8900, 0.4157,  
0.5267

■ 95.0135, 0.3261,  
0.3557

■ 95.0135, 0.3261,  
0.3557

■ 93.0593, 0.3388,  
0.3817

■ 97.1929, 0.3136,  
0.3307

■ 91.3090, 0.3513,  
0.4081

■ 98.1089, 0.3128,  
0.3262

■ 89.7570, 0.3630,  
0.4340

■ 88.3930, 0.3735,  
0.4584

■ 87.2056, 0.3822,  
0.4802

■ 86.1820, 0.3886,  
0.4984

■ 85.3077, 0.3924,  
0.5122

■ 84.5651, 0.3935,  
0.5214

■ 83.9676, 0.3926,  
0.5264

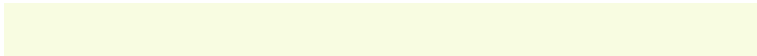
# Harmonies

## Analogous

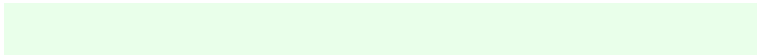
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0135, 0.3378, 0.3529



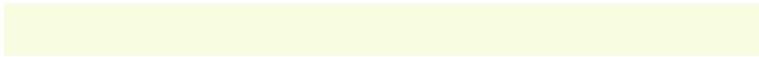
95.0135, 0.3261, 0.3557



95.0135, 0.3110, 0.3509

# Triad

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



95.0135, 0.3261, 0.3557



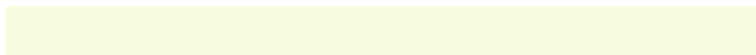
95.0135, 0.2836, 0.3131



95.0135, 0.3288, 0.3184

# Complementary

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



95.0135, 0.3261, 0.3557



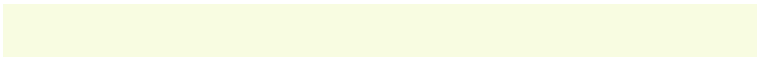
77.5595, 0.2985, 0.3013

# 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.



95.0135, 0.3139, 0.3084



95.0135, 0.3261, 0.3557



95.0135, 0.2880, 0.3051

# Square

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



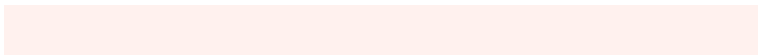
95.0135, 0.3261, 0.3557



95.0135, 0.2867, 0.3258



95.0135, 0.2990, 0.3036

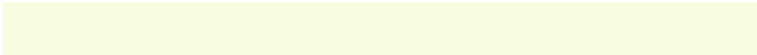


95.0135, 0.3394, 0.3313

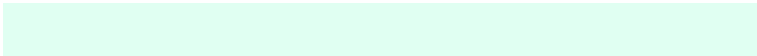


# Rectangle

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



95.0135, 0.3261, 0.3557



95.0135, 0.3011, 0.3440



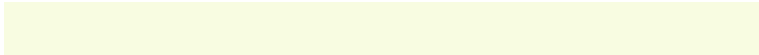
95.0135, 0.2990, 0.3036



95.0135, 0.3241, 0.3147

# Sweetspot

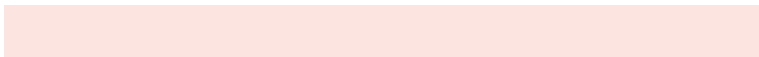
The Sweet Spot groups the original color and five complimentary colors.



95.0176, 0.3261, 0.3557



99.3005, 0.3164, 0.3363



81.9641, 0.3314, 0.3327



21.2151, 0.3174, 0.3383



0.0000, 0.0000, 0.0000

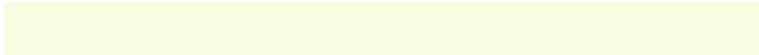


21.4041, 0.3127, 0.3290

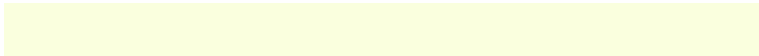


# Same Dimension

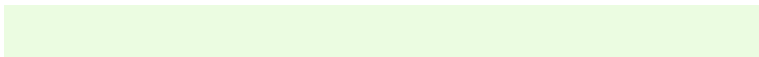
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0176, 0.3261, 0.3557



97.1167, 0.3290, 0.3616



92.7146, 0.3177, 0.3564



20.0514, 0.3246, 0.3526



43.7861, 0.3931, 0.5261



4.0899, 0.3964, 0.5234



# Inverse Universe

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



77.5595, 0.2985, 0.3013



75.6834, 0.2951, 0.2949



79.7890, 0.3072, 0.3020



16.7677, 0.3002, 0.3046



3.9115, 0.1560, 0.0633

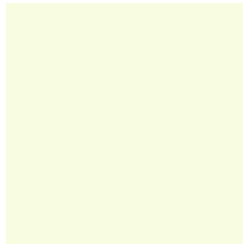


0.3982, 0.1651, 0.0683



# Previews

## White Background



This preview shows how the Yxy color 95.0135, 0.3261, 0.3557 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

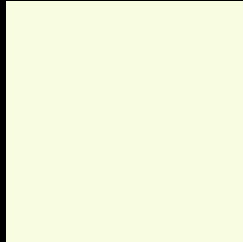
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.0135, 0.3261, 0.3557 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

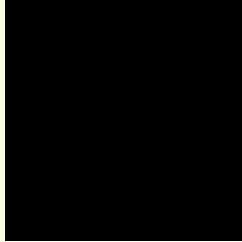
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

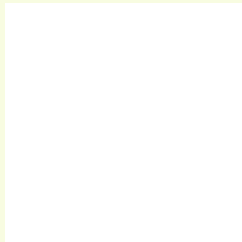
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.0135, 0.3261, 0.3557**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.0135, 0.3261, 0.3557.

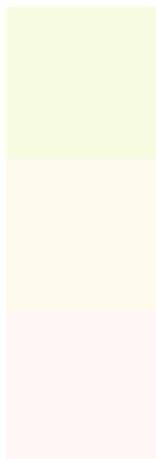


This preview shows how white text looks on a background with the Yxy color 95.0135, 0.3261, 0.3557.

# 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

95.0135, 0.3261, 0.3557

### Protanopia

95.0675, 0.3243, 0.3416

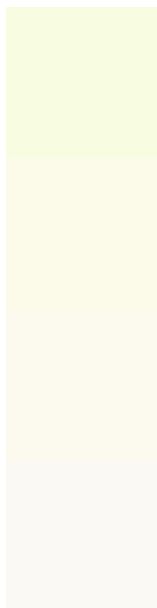
### Deuteranopia

95.0486, 0.3184, 0.3309

## Tritanopia

94.8640, 0.3105, 0.3223

# Trichromacy



## Original Color

95.0135, 0.3261, 0.3557

## Protanomaly

94.8929, 0.3247, 0.3466

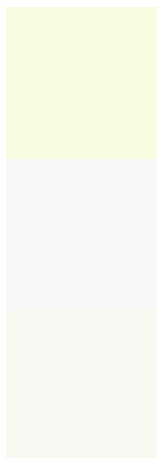
## Deuteranomaly

94.6199, 0.3212, 0.3397

## Tritanomaly

94.6070, 0.3163, 0.3339

# Monochromacy



## Original Color

95.0135, 0.3261, 0.3557

## Achromatopsia

93.8686, 0.3127, 0.3290

## Achromatomaly

93.9991, 0.3174, 0.3378

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.0135, 0.3261, 0.3557 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(248, 252, 225)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 225)  
}
```

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(248, 252, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 225) }
```

## Border

The CSS property to change the border of an element to Yxy 95.0135, 0.3261, 0.3557 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(248, 252, 225) }
```

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

```
.border{ border-color:rgb(248, 252, 225) }
```

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

Here you see how a box with a 4 pixel rgb(248, 252, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
225) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.0135, 0.3261, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 225) }
```

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

```
.background{ background-color: rgb(248,  
252, 225) }
```

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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