

# Converting Colors

$Yxy(92.6148, 0.3204, 0.3439)$

Have a look what the booklet for  
Yxy(92.6148, 0.3204, 0.3439)  
contains.

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# Color

**Yxy(92.6108, 0.3204, 0.3439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F8E9
RGB	246, 248, 233
RGB Percent	96%, 97%, 91%
CMY	0.0352, 0.0274, 0.0864
CMYK	0.01, 0.00, 0.06, 0.03
HSL	68°, 52%, 94%
HSV	68°, 6%, 97%
XYZ	86.2824, 92.6108, 90.4026
YIQ	245.6920, 3.6230, -5.0890

# Conversions

## Conversions Part 2

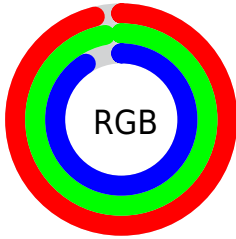
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 248, 235
Decimal	16185577
CIE Lab	97.07, -3.24, 6.97
CIE LCh	97, 7.685, 114.898
Yxy	92.6108, 0.3204, 0.3439
Android (android.graphics.Color)	4294375657 (0xFFFF6F8E9)
YUV	245.6920, -6.2572, 0.2701
Hunter-Lab	96.2345, -8.3701, 11.6672

# Details

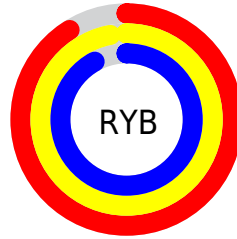
The Yxy color 92.6108, 0.3204, 0.3439 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.7011, 0.3048, 0.3138, and the grayscale version is 91.9496, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8207, 0.3225, 0.3480 is the 20% darker color. If you saturate the color by 10%, you get 90.7070, 0.3333, 0.3694, and if you desaturate by 10%, it is 94.5520, 0.3094, 0.3222.

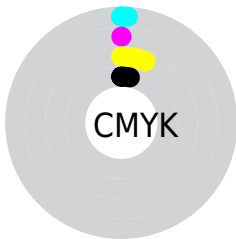
# Distribution



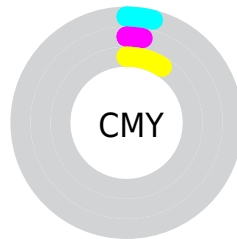
- Red (96%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)




- Cyan (4%)
- Magenta (3%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.6108, 0.3204, 0.3439 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 92.6108, 0.3204, 0.3439 by changing the saturation by 10% instead.



 92.6108, 0.3204,  
0.3439

 92.6108, 0.3204,  
0.3439

536.4876, 0.3170,  
0.3373

 70.1481, 0.3211,  
0.3454


150.9597, 0.3193,  
0.3416

 51.6472, 0.3220,  
0.3471


187.6146, 0.3188,  
0.3408

 36.7240, 0.3231,  
0.3494


229.7690, 0.3184,  
0.3400

 24.9939, 0.3245,  
0.3522

277.8073, 0.3181,  
0.3393

 16.0725, 0.3264,  
0.3559

332.1140, 0.3178,  
0.3387

 9.5755, 0.3289,  
0.3611

393.0733, 0.3175,

 5.1184, 0.3325,

0.3382

0.3688

461.0697, 0.3172,  
0.3377

■ 2.3169, 0.3382,  
0.3812

■ 0.7826, 0.3669,  
0.4318

■ 92.6108, 0.3204,  
0.3439

■ 92.6108, 0.3204,  
0.3439

■ 90.7070, 0.3333,  
0.3694

■ 94.5520, 0.3094,  
0.3222

■ 89.0005, 0.3463,  
0.3956

■ 95.1618, 0.3115,  
0.3223

■ 87.4865, 0.3587,  
0.4216

■ 95.6173, 0.3130,  
0.3223

■ 86.1554, 0.3702,  
0.4466

■ 84.9968, 0.3801,  
0.4694

■ 83.9990, 0.3880,  
0.4890

■ 83.1490, 0.3933,  
0.5046

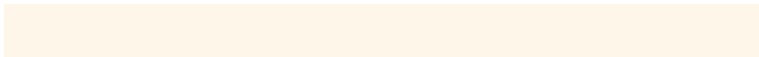
■ 82.4314, 0.3960,  
0.5156

■ 81.8274, 0.3961,  
0.5222

# Harmonies

## Analogous

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



92.6108, 0.3269, 0.3425



92.6108, 0.3204, 0.3439



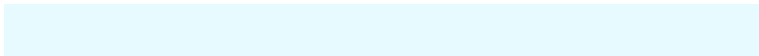
92.6108, 0.3119, 0.3412

# Triad

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



92.6108, 0.3204, 0.3439



92.6108, 0.2962, 0.3203



92.6108, 0.3217, 0.3230

# Complementary

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



92.6108, 0.3204, 0.3439



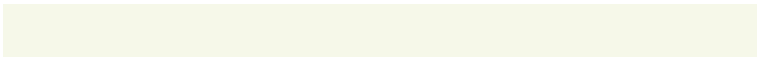
82.7011, 0.3048, 0.3138

# Split Complementary

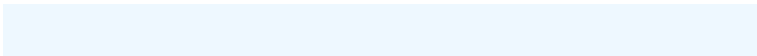
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6108, 0.3133, 0.3172



92.6108, 0.3204, 0.3439



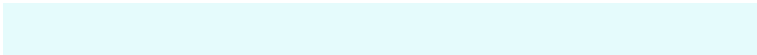
92.6108, 0.2987, 0.3156

# Square

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



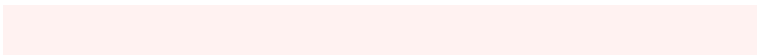
92.6108, 0.3204, 0.3439



92.6108, 0.2980, 0.3274



92.6108, 0.3049, 0.3145

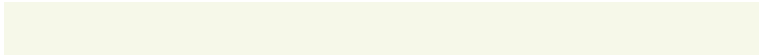


92.6108, 0.3276, 0.3303

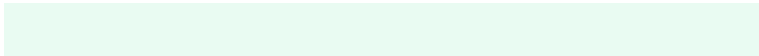


# Rectangle

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



92.6108, 0.3204, 0.3439



92.6108, 0.3063, 0.3375



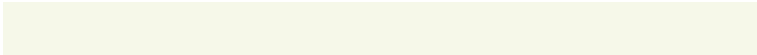
92.6108, 0.3049, 0.3145



92.6108, 0.3190, 0.3208

# Sweetspot

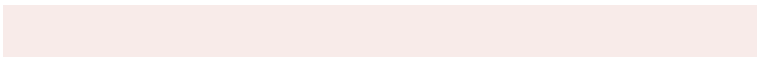
The Sweet Spot groups the original color and five complimentary colors.



92.6148, 0.3204, 0.3439



99.5480, 0.3152, 0.3339



85.1030, 0.3228, 0.3308



21.3121, 0.3151, 0.3336



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.



92.6148, 0.3204, 0.3439



98.4576, 0.3216, 0.3463



91.3247, 0.3157, 0.3441



20.1486, 0.3224, 0.3478



44.1281, 0.3962, 0.5237



4.1184, 0.3991, 0.5213



# Inverse Universe

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



82.7011, 0.3048, 0.3138



86.3156, 0.3035, 0.3113



83.9647, 0.3096, 0.3140



17.4624, 0.3026, 0.3097



3.8676, 0.1550, 0.0627

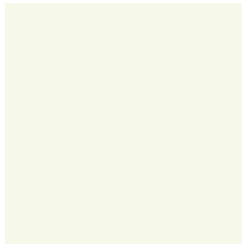


0.3914, 0.1634, 0.0674



# Previews

## White Background



This preview shows how the Yxy color 92.6108, 0.3204, 0.3439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

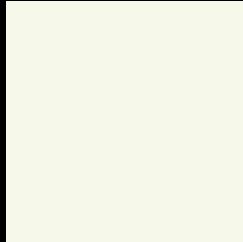
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.6108, 0.3204, 0.3439 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

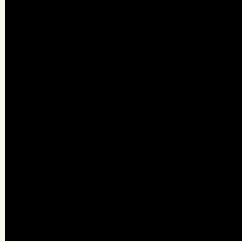
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

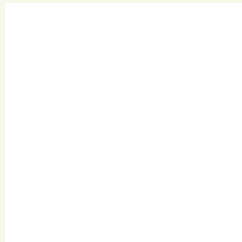
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.6108, 0.3204, 0.3439**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.6108, 0.3204, 0.3439.

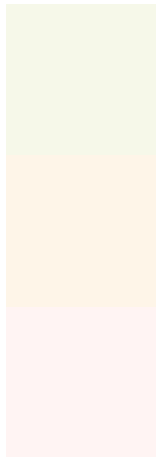


This preview shows how white text looks on a background with the Yxy color 92.6108, 0.3204, 0.3439.

# 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

92.6108, 0.3204, 0.3439

### Protanopia

92.2018, 0.3265, 0.3418

### Deuteranopia

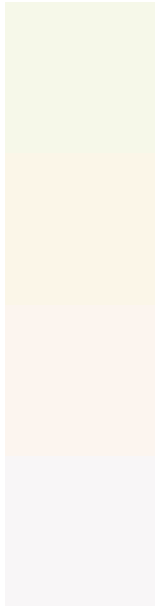
92.4324, 0.3205, 0.3300



## Tritanopia

92.6646, 0.3093, 0.3193

# Trichromacy



## Original Color

92.6108, 0.3204, 0.3439

## Protanomaly

92.2470, 0.3244, 0.3428

## Deuteranomaly

92.2323, 0.3209, 0.3349

## Tritanomaly

92.5834, 0.3134, 0.3280

# Monochromacy



## Original Color

92.6108, 0.3204, 0.3439

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.4652, 0.3156, 0.3349

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.6108, 0.3204, 0.3439 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, 248, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 233)  
}
```

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, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 233) }
```

## Border

The CSS property to change the border of an element to Yxy 92.6108, 0.3204, 0.3439 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, 248, 233) }
```

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

```
.border{ border-color:rgb(246, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
233) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.6108, 0.3204, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 233) }
```

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

```
.background{ background-color: rgb(246,  
248, 233) }
```

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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