

# Converting Colors

YUV(248.6350, 0.1799,  
-11.0809)

Have a look what the booklet for  
YUV(248.6350, 0.1799, -11.0809)  
contains.

<b>YUV(248.6350, 0.1799, -11.0809)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(248.6350, 0.1799,  
-11.0809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECFFF9
RGB	236, 255, 249
RGB Percent	93%, 100%, 98%
CMY	0.0745, 0.0000, 0.0235
CMYK	0.07, 0.00, 0.02, 0.00
HSL	161°, 100%, 96%
HSV	161°, 7%, 100%
XYZ	87.4510, 96.1924, 103.5804
YIQ	248.6350, -9.3980, -5.8940

# Conversions

## Conversions Part 2

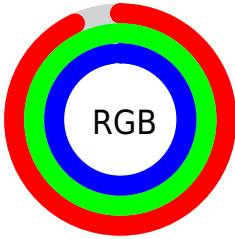
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 247, 255
Decimal	15532025
CIE <sub>Lab</sub>	98.51, -7.26, 0.73
CIE <sub>LCh</sub>	99, 7.300, 174.264
Yxy	96.1924, 0.3045, 0.3349
Android (android.graphics.Color)	4293722105 (0xFFE0FF9)
YUV	248.6350, 0.1799, -11.0809
Hunter-Lab	98.0777, -12.4766, 6.0380

# Details

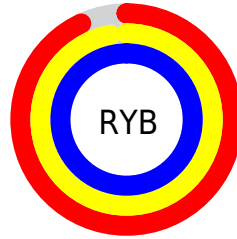
The YUV color  $248.6350, 0.1799, -11.0809$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.3650, -0.1799, 11.0809$ , and the grayscale version is  $249.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $192.0480, 0.4693, -10.5661$  is the 20% darker color. If you saturate the color by 10%, you get  $240.2480, 0.3707, -25.6505$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

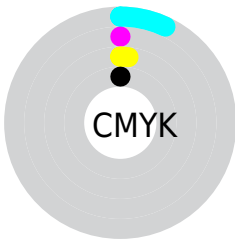
# Distribution



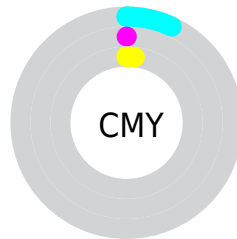
- Red (93%)
- Green (100%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 248.6350, 0.1799, -11.0809 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 YUV color 248.6350, 0.1799, -11.0809 by changing the saturation by 10% instead.





 248.6350, 0.1799,  
-11.0809

 248.6350, 0.1799,  
-11.0809

255.0000, 0.0000,  
0.0000


 219.9340, 0.0325,  
-10.4661

 192.0480, 0.4693,  
-10.5661

 164.9340, 0.0325,  
-10.4661

 138.3470, 0.3219,  
-9.9513

 113.3470, 0.3219,  
-9.9513

 88.6460, 0.1745,  
-9.3365

 65.0590, 0.4639,

-8.8217

■ 43.0590, 0.4639,  
-8.8217

■ 22.3580, 0.3165,  
-8.2070

■ 248.6350, 0.1799,  
-11.0809

■ 248.6350, 0.1799,  
-11.0809

■ 240.2480, 0.3707,  
-25.6505

255.0000, 0.0000,  
0.0000

■ 231.5620, 0.7089,  
-40.8349

■ 223.1750, 0.8997,  
-55.4045

■ 214.4890, 1.2379,  
-70.5889

■ 206.1020, 1.4287,  
-85.1585

■ 197.4160, 1.7669,  
-100.3428

■ 188.7300, 2.1051,  
-115.5272

■ 180.3430, 2.2959,  
-130.0968

■ 171.9560, 2.4867,  
-144.6664

# Harmonies

## Analogous

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



249.0440, -3.4727, -6.1776



248.6350, 0.1799, -11.0809



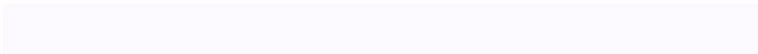
248.7210, 3.0955, -12.9103

# Triad

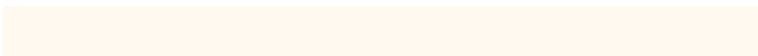
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.6350, 0.1799, -11.0809



250.2820, 2.3260, 0.6297



249.0670, -4.9630, 5.2032

# Complementary

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



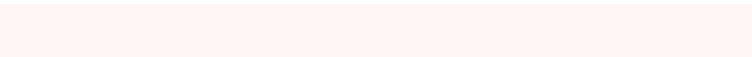
248.6350, 0.1799, -11.0809



242.3650, -0.1799, 11.0809

# 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.



248.5770, -1.7635, 5.6330



248.6350, 0.1799, -11.0809



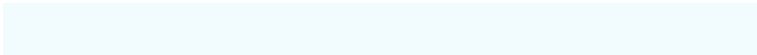
250.3040, 2.3151, 4.1184

# Square

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



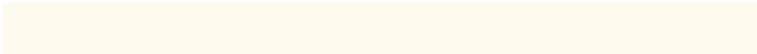
248.6350, 0.1799, -11.0809



249.3520, 2.7845, -6.4477



249.3750, 1.2941, 4.9331



250.0130, -6.4154, 4.3736

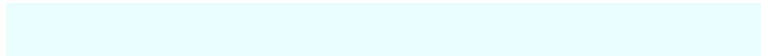


# Rectangle

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



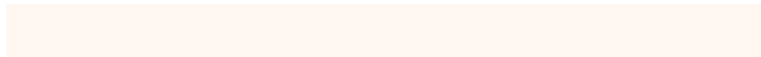
248.6350, 0.1799, -11.0809



248.4330, 3.2375, -11.7807



249.3750, 1.2941, 4.9331



248.7080, -3.8000, 5.5181

# Sweetspot

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



248.6350, 0.1799, -11.0809



253.2770, -0.1366, -2.8739



248.9470, -6.3829, -6.0925



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

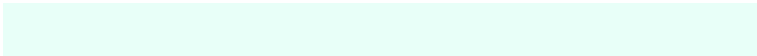


# Same Dimension

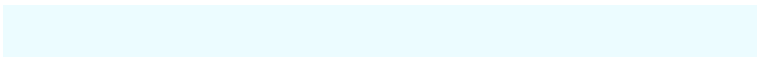
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.6350, 0.1799, -11.0809



247.3250, 0.3328, -13.4400



247.5580, 3.6689, -10.1364



123.5430, -0.2677, -7.4922



127.0510, 1.9469, -111.4237



42.5840, 0.6981, -37.3462



# Inverse Universe

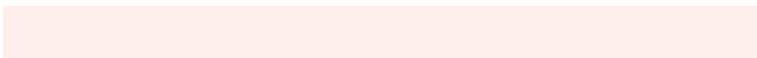
The Inverse Universe completely reimagines the original color for something new.



242.3650, -0.1799, 11.0809



239.6750, -0.3328, 13.4400



243.4420, -3.6689, 10.1364



119.3430, -0.1691, 7.5922



63.9490, -1.9469, 111.4237

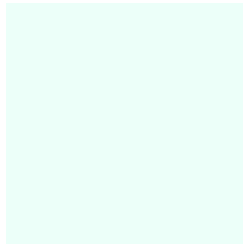


21.4160, -0.6981, 37.3462



# Previews

## White Background



This preview shows how the YUV color 248.6350, 0.1799, -11.0809 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

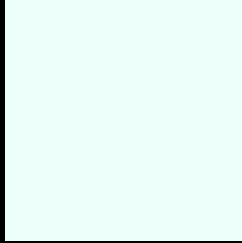
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 248.6350, 0.1799, -11.0809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

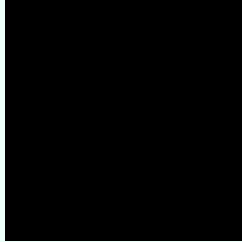
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 248.6350, 0.1799, -11.0809

## Background



This preview shows how black text looks on a background with the YUV color 248.6350, 0.1799, -11.0809.



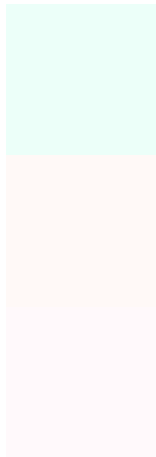
This preview shows how white text looks on a background with the YUV color 248.6350, 0.1799, -11.0809.

-11.0609.

# 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

248.6350, 0.1799, -11.0809

### Protanopia

250.5660, -1.7580, 3.8886

### Deuteranopia

251.0220, -0.0108, 3.4887

## **Tritanopia**

250.5590, 2.1894, -2.2442

# Trichromacy

A vertical color bar on the left side of the page, divided into four horizontal segments. The top segment is light green, the second is light yellow, the third is light blue, and the bottom is light cyan. The text to the right of the bar corresponds to these segments.

**Original Color**

248.6350, 0.1799, -11.0809

**Protanomaly**

249.7610, -0.8682, -1.5444

**Deuteranomaly**

249.9890, 0.0054, -1.7444

**Tritanomaly**

249.7220, 1.6161, -5.0182

# Monochromacy

A vertical color bar on the left side of the page, divided into three horizontal segments. The top segment is light green, the middle is light yellow, and the bottom is light cyan. The text to the right of the bar corresponds to these segments.

**Original Color**

248.6350, 0.1799, -11.0809

**Achromatopsia**

249.0000, 0.0000, 0.0000

**Achromatomaly**

248.6790, 0.1583, -4.1035

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 248.6350, 0.1799, -11.0809 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(236, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 249)  
}
```

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(236, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 249) }
```

## Border

The CSS property to change the border of an element to YUV 248.6350, 0.1799, -11.0809 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(236, 255, 249) }
```



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

```
.border{ border-color:rgb(236, 255, 249) }
```

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

Here you see how a box with a 4 pixel rgb(236, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 248.6350, 0.1799, -11.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 249) }
```

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

```
.background{ background-color: rgb(236,  
255, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor