

# Converting Colors

YUV(236.6150, -6.2192,  
-11.9404)

Have a look what the booklet for  
YUV(236.6150, -6.2192, -11.9404)  
contains.

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# Color

**YUV(236.6150, -6.2192,  
-11.9404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF6E0
RGB	223, 246, 224
RGB Percent	87%, 96%, 88%
CMY	0.1255, 0.0353, 0.1216
CMYK	0.09, 0.00, 0.09, 0.04
HSL	123°, 56%, 92%
HSV	123°, 9%, 96%
XYZ	76.8417, 86.9813, 83.2601
YIQ	236.6150, -6.6460, -11.7180

# Conversions

## Conversions Part 2

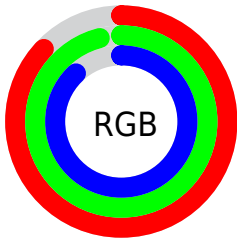
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 245, 246
Decimal	14677728
CIE Lab	94.73, -11.50, 8.02
CIE LCh	95, 14.020, 145.084
Yxy	86.9813, 0.3110, 0.3520
Android (android.graphics.Color)	4292867808 (0xFFDFF6E0)
YUV	236.6150, -6.2192, -11.9404
Hunter-Lab	93.2638, -16.1422, 12.3542

# Details

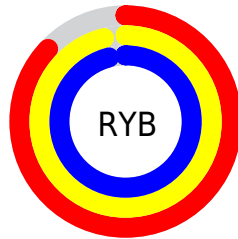
The YUV color  $236.6150, -6.2192, -11.9404$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $232.3850, 6.2192, 11.9404$ , and the grayscale version is  $237.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $181.0280, -5.9298, -11.4256$  is the 20% darker color. If you saturate the color by 10%, you get  $226.4040, -13.0172, -24.9103$ , and if you desaturate by 10%, it is  $246.8260, 0.5788, 1.0296$ .

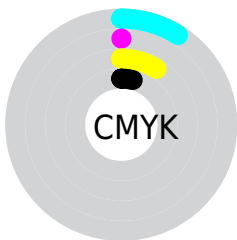
# Distribution



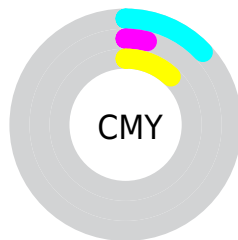
- Red (87%)
- Green (96%)
- Blue (88%)



- Red (87%)
- Yellow (96%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 236.6150, -6.2192, -11.9404 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 236.6150, -6.2192, -11.9404 by changing the saturation by 10% instead.



■ 236.6150, -6.2192,  
-11.9404

■ 236.6150, -6.2192,  
-11.9404

255.0000, 0.0000,  
0.0000

■ 208.6150, -6.2192,  
-11.9404

■ 181.0280, -5.9298,  
-11.4256

■ 154.0280, -5.9298,  
-11.4256

■ 127.8540, -5.3510,  
-10.3960

■ 102.8540, -5.3510,  
-10.3960

■ 78.9680, -4.9142,  
-10.4959

■ 55.6800, -4.7722,

-9.3664

■ 34.2070, -4.0461,  
-8.9515

■ 12.3270, -6.0772,  
-10.8108

■ 236.6150, -6.2192,  
-11.9404

■ 236.6150, -6.2192,  
-11.9404

■ 226.4040,  
-13.0172, -24.9103

■ 246.8260, 0.5788,  
1.0296

■ 216.6060,  
-19.5258, -37.3655

■ 249.7170, 2.6045,  
4.6332

■ 206.3950,  
-26.3237, -50.3354

■ 196.5970,  
-32.8323, -62.7906

■ 186.3860,  
-39.6303, -75.7605

■ 176.2890,  
-45.9915, -88.8305

■ 166.3770,  
-52.9369, -101.1856

■ 156.2800,  
-59.2980, -114.2556

■ 146.3680,  
-66.2434, -126.6107

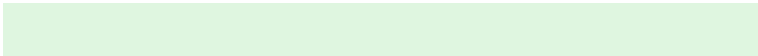
# Harmonies

## Analogous

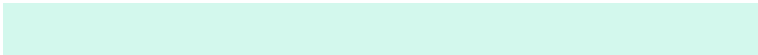
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3130, -11.4933, -0.2745



236.6150, -6.2192, -11.9404



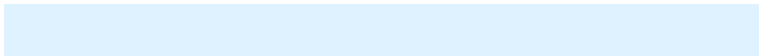
235.6830, 0.6493, -21.6470

# Triad

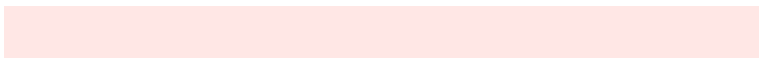
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6150, -6.2192, -11.9404



237.8010, 8.4791, -12.9805



237.9480, -4.4114, 14.9546

# Complementary

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



236.6150, -6.2192, -11.9404



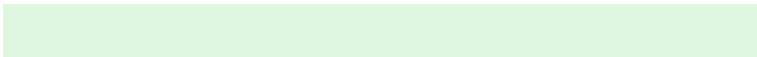
232.3850, 6.2192, 11.9404

# 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.



239.5440, 1.7038, 13.5549



236.6150, -6.2192, -11.9404



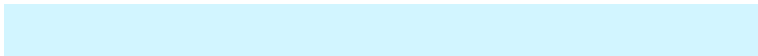
239.9490, 7.4201, 0.0447

# Square

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



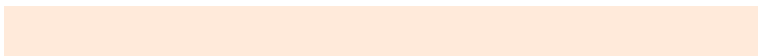
236.6150, -6.2192, -11.9404



235.6750, 9.5272, -22.5170



242.0860, 6.3666, 11.3256

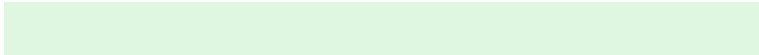


238.4550, -10.0843, 14.5100

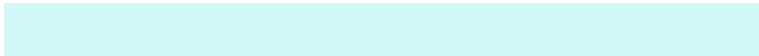


# Rectangle

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



236.6150, -6.2192, -11.9404



235.5130, 5.1701, -25.0059



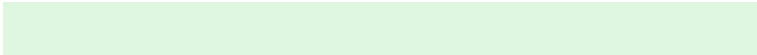
242.0860, 6.3666, 11.3256



238.4040, -2.6642, 14.5547

# Sweetspot

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



236.6150, -6.2192, -11.9404



251.8100, -1.8783, -4.2184



243.0790, -9.8989, 1.6847



125.6360, -1.2995, -3.1888



0.0000, 0.0000, 0.0000

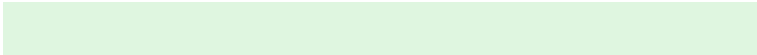


128.0000, 0.0000, 0.0000

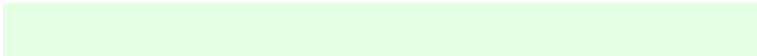


# Same Dimension

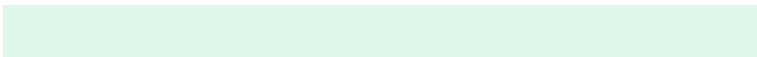
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6150, -6.2192, -11.9404



243.5500, -7.6661, -14.5143



237.8690, -1.4144, -13.0401



117.1580, -3.0359, -6.2776



110.0940, -50.3323, -96.5524



34.9750, -15.7637, -30.6731



# Inverse Universe

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



232.3850, 6.2192, 11.9404



238.4500, 7.6662, 14.5144



231.1310, 1.4144, 13.0401



114.9560, 3.4727, 6.1776



75.9060, 50.3323, 96.5524

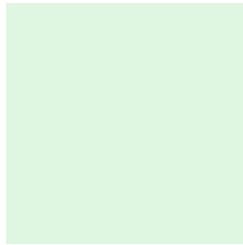


24.0250, 15.7637, 30.6731



# Previews

## White Background



This preview shows how the YUV color 236.6150, -6.2192, -11.9404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

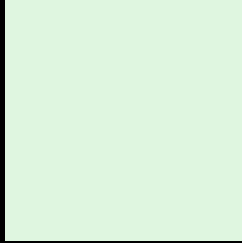
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 236.6150, -6.2192, -11.9404 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

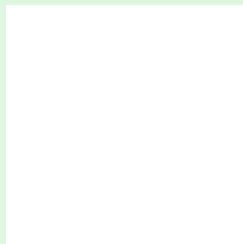
Any Text WCAG AAA ✓ Pass

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

# YUV 236.6150, -6.2192, -11.9404 Background



This preview shows how black text looks on a background with the YUV color 236.6150, -6.2192, -11.9404.



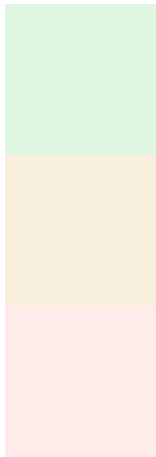
This preview shows how white text looks on a background with the YUV color 236.6150, -6.2192, -11.9404.

-11.9404.

# 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

236.6150, -6.2192, -11.9404

### Protanopia

239.5250, -9.6258, 7.4326

### Deuteranopia

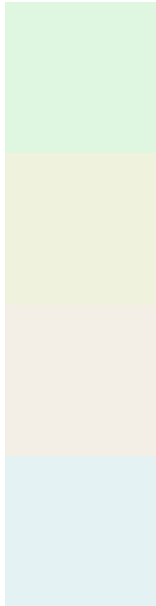
240.7520, -3.8217, 12.4955



## Tritanopia

239.3180, 7.7312, -6.4179

# Trichromacy



## Original Color

236.6150, -6.2192, -11.9404

## Protanomaly

238.7090, -8.7305, 0.2552

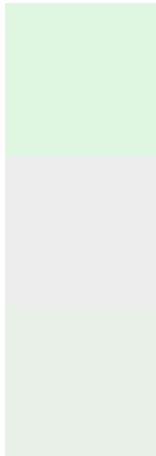
## Deuteranomaly

239.1700, -4.5208, 3.3589

## Tritanomaly

238.3410, 2.7899, -8.1921

# Monochromacy



## Original Color

236.6150, -6.2192, -11.9404

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

236.6960, -2.3151, -4.1184

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 236.6150, -6.2192, -11.9404 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(223, 246, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 224)  
}
```

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(223, 246, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 224) }
```

## Border

The CSS property to change the border of an element to YUV 236.6150, -6.2192, -11.9404 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(223, 246, 224) }
```



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

```
.border{ border-color:rgb(223, 246, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 246, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 236.6150, -6.2192, -11.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 246, 224) }
```

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

```
.background{ background-color: rgb(223,  
246, 224) }
```

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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