

# Converting Colors

YUV(235.1000, 8.3317,  
-12.3657)

Have a look what the booklet for  
YUV(235.1000, 8.3317, -12.3657)  
contains.

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# Color

**YUV(235.1000, 8.3317,  
-12.3657)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDEFFC
RGB	221, 239, 252
RGB Percent	87%, 94%, 99%
CMY	0.1333, 0.0627, 0.0118
CMYK	0.12, 0.05, 0.00, 0.01
HSL	205°, 84%, 93%
HSV	205°, 12%, 99%
XYZ	78.2560, 84.1334, 104.2103
YIQ	235.1000, -14.9010, 0.2270

# Conversions

## Conversions Part 2

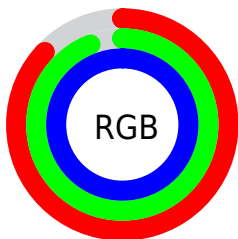
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 232, 252
Decimal	14544892
CIE Lab	93.51, -3.39, -8.29
CIE LCh	94, 8.956, 247.761
Yxy	84.1334, 0.2935, 0.3156
Android (android.graphics.Color)	4292734972 (0xFFDDEFFC)
YUV	235.1000, 8.3317, -12.3657
Hunter-Lab	91.7243, -8.2275, -3.1539

# Details

The YUV color  $235.1000, 8.3317, -12.3657$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $237.9000, -8.3317, 12.3657$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.2850, 7.7475, -11.6509$  is the 20% darker color. If you saturate the color by 10%, you get  $221.1680, 15.2002, -22.0723$ , and if you desaturate by 10%, it is  $249.0320, 1.4632, -2.6591$ .

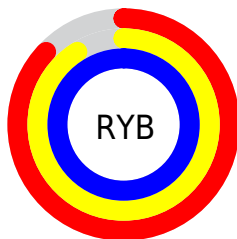
# Distribution



Red (87%)

Green (94%)

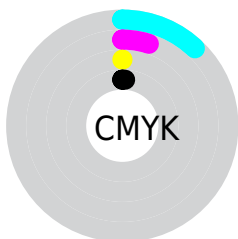
Blue (99%)



Red (87%)

Yellow (91%)

Blue (99%)

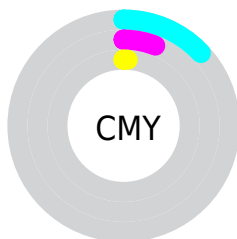


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (1%)



Cyan (13%)

Magenta (6%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.1000, 8.3317, -12.3657 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 235.1000, 8.3317, -12.3657 by changing the saturation by 10% instead.



■ 235.1000, 8.3317,  
-12.3657

■ 235.1000, 8.3317,  
-12.3657

255.0000, 0.0000,  
0.0000

■ 206.9860, 7.8949,  
-12.2657

■ 179.2850, 7.7475,  
-11.6509

■ 152.2850, 7.7475,  
-11.6509

■ 126.5840, 7.6001,  
-11.0362

■ 101.4700, 7.1633,  
-10.9362

■ 77.4700, 7.1633,  
-10.9362

■ 54.3560, 6.7265,

-10.8362

■ 33.2420, 6.2897,  
-10.7362

■ 11.6550, 6.5791,  
-10.2214

■ 235.1000, 8.3317,  
-12.3657

■ 235.1000, 8.3317,  
-12.3657

■ 221.1680, 15.2002,  
-22.0723

■ 249.0320, 1.4632,  
-2.6591

■ 207.8230, 21.7793,  
-32.2938

■ 254.6580, -1.3104,  
0.2999

■ 193.5920, 28.7951,  
-42.6152

■ 180.2470, 35.3742,  
-52.8366

■ 166.3150, 42.2427,  
-62.5433

■ 152.9700, 48.8218,  
-72.7647

■ 139.0380, 55.6903,  
-82.4713

■ 124.8070, 62.7061,  
-92.7927

■ 114.4300, 67.8220,  
-100.3551

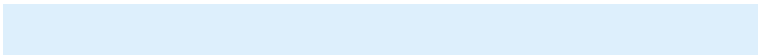
# Harmonies

## Analogous

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



234.2090, 6.3060, -15.9693



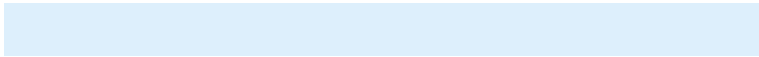
235.1000, 8.3317, -12.3657



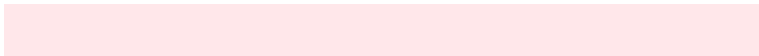
236.1440, 8.3100, -5.3883

# Triad

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



235.1000, 8.3317, -12.3657



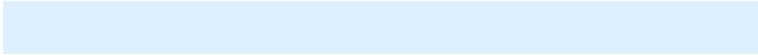
238.5180, -2.2274, 14.4547



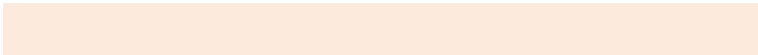
234.7840, -5.8095, -3.3186

# Complementary

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



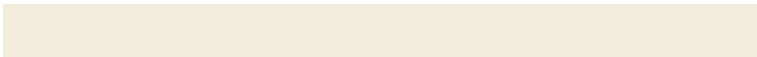
235.1000, 8.3317, -12.3657



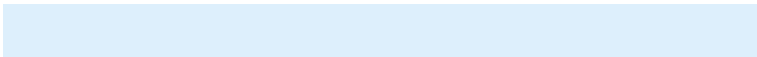
237.9000, -8.3317, 12.3657

# 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.



235.5570, -8.1626, 4.7735



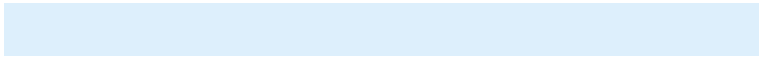
235.1000, 8.3317, -12.3657



237.6060, -5.7218, 15.2545

# Square

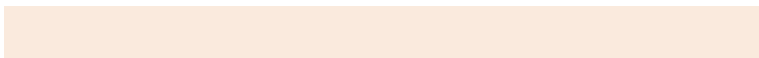
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.1000, 8.3317, -12.3657



238.0490, 2.4408, 10.4810



237.3020, -8.0369, 11.1361

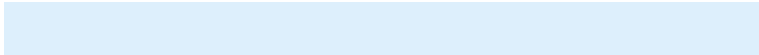


234.0650, -2.0040, -10.5810



# Rectangle

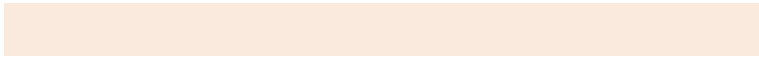
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.1000, 8.3317, -12.3657



236.9490, 7.4201, 0.0447



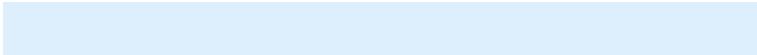
237.3020, -8.0369, 11.1361



235.1650, -6.9833, -0.1447

# Sweetspot

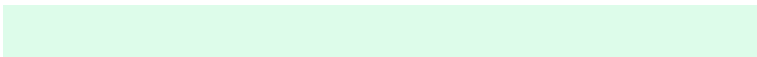
The Sweet Spot groups the original color and five complimentary colors.



235.1000, 8.3317, -12.3657



249.6620, 2.6316, -4.0886



240.6790, -3.2927, -17.2585



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000

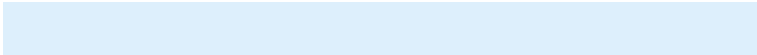


128.0000, 0.0000, 0.0000

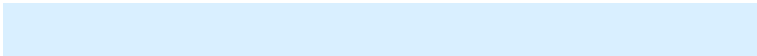


# Same Dimension

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



235.1000, 8.3317, -12.3657



234.2460, 10.2317, -15.1247



226.2950, 12.6726, -4.6437



118.1780, 3.3632, -5.4181



86.1160, 50.7218, -75.5237



28.0860, 16.2266, -24.6314



# Inverse Universe

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



232.3210, 3.2927, 17.2585



230.8700, 4.0081, 21.1620



246.7050, -12.6726, 4.6437



116.7990, 1.5781, 7.1923



69.0510, 20.1879, 105.1953

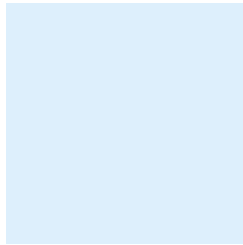


22.3430, 6.7329, 33.9022



# Previews

## White Background



This preview shows how the YUV color 235.1000, 8.3317, -12.3657 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

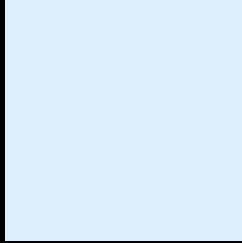
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.1000, 8.3317, -12.3657 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

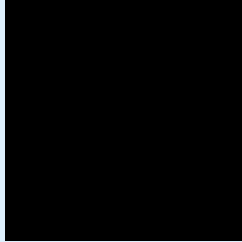
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

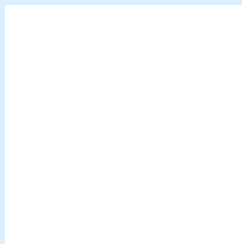
Any Text WCAG AAA ✓ Pass

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

# YUV 235.1000, 8.3317, -12.3657 Background



This preview shows how black text looks on a background with the YUV color 235.1000, 8.3317, -12.3657.



This preview shows how white text looks on a background with the YUV color 235.1000, 8.3317,

-12.3657.

# 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

235.1000, 8.3317, -12.3657

### Protanopia

236.8950, 5.9678, -0.7849

### Deuteranopia

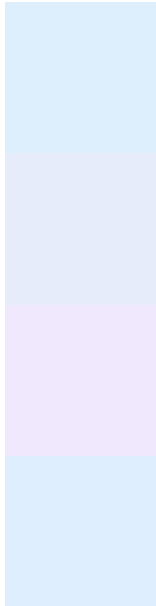
238.4280, 7.6770, 11.0256



## **Tritanopia**

235.4530, 9.6367, -10.9213

# Trichromacy



## Original Color

235.1000, 8.3317, -12.3657

## Protanomaly

236.1010, 6.8522, -4.4736

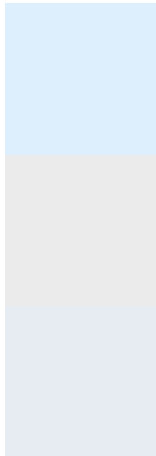
## Deuteranomaly

237.3730, 7.7041, 2.3039

## Tritanomaly

235.0400, 9.3473, -11.4361

# Monochromacy



## Original Color

235.1000, 8.3317, -12.3657

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

234.7760, 3.0684, -4.1886

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.1000, 8.3317, -12.3657 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(221, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 252)  
}
```

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(221, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 252) }
```

## Border

The CSS property to change the border of an element to YUV 235.1000, 8.3317, -12.3657 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(221, 239, 252) }
```



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

```
.border{ border-color:rgb(221, 239, 252) }
```

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

Here you see how a box with a 4 pixel rgb(221, 239, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 235.1000, 8.3317, -12.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 252) }
```

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

```
.background{ background-color: rgb(221,  
239, 252) }
```

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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