

# Converting Colors

YUV(236.0120, -21.6979,  
6.1285)

Have a look what the booklet for  
YUV(236.0120, -21.6979, 6.1285)  
contains.

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# Color

**YUV(236.0120, -21.6979,  
6.1285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F1C0
RGB	243, 241, 192
RGB Percent	95%, 95%, 75%
CMY	0.0471, 0.0549, 0.2471
CMYK	0.00, 0.01, 0.21, 0.05
HSL	58°, 68%, 85%
HSV	58°, 21%, 95%
XYZ	77.9319, 85.7711, 62.3172
YIQ	236.0120, 16.9210, -14.8150

# Conversions

## Conversions Part 2

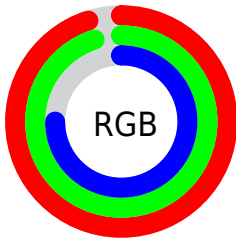
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 243, 192
Decimal	15987136
CIELab	94.21, -7.08, 23.97
CIELCh	94, 24.996, 106.455
Yxy	85.7711, 0.3448, 0.3795
Android (android.graphics.Color)	4294177216 (0xFFFF3F1C0)
YUV	236.0120, -21.6979, 6.1285
Hunter-Lab	92.6127, -11.8677, 24.9338

# Details

The YUV color  $236.0120, -21.6979, 6.1285$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $198.9880, 21.6979, -6.1285$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.3160, -2.6208, 0.5999$ , and  $179.9410, -20.6769, 5.3137$  is the 20% darker color. If you saturate the color by 10%, you get  $232.6890, -31.8917, 9.0427$ , and if you desaturate by 10%, it is  $239.3350, -11.5042, 3.2142$ .

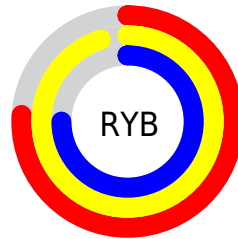
# Distribution



Red (95%)

Green (95%)

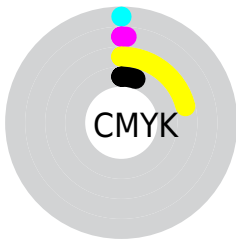
Blue (75%)



Red (76%)

Yellow (95%)

Blue (75%)

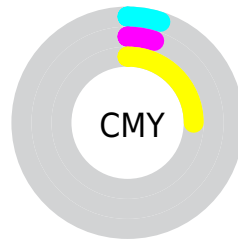


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 236.0120, -21.6979, 6.1285 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 236.0120, -21.6979, 6.1285 by changing the saturation by 10% instead.



■ 236.0120,  
-21.6979, 6.1285

■ 236.0120,  
-21.6979, 6.1285

255.0000, 0.0000,  
0.0000

■ 207.8270,  
-21.1137, 5.4137

■ 254.3160, -2.6208,  
0.5999

■ 179.9410,  
-20.6769, 5.3137

■ 153.1690,  
-19.8033, 5.1138

■ 127.2830,  
-19.3665, 5.0138

■ 102.0980,  
-18.7823, 4.2991

■ 77.9130, -18.1981,  
3.5843

■ 54.8420, -17.1771,

2.7696

■ 33.3690, -16.4509,  
3.1844

■ 12.0610, -5.9461,  
-6.1925

■ 236.0120,  
-21.6979, 6.1285

■ 236.0120,  
-21.6979, 6.1285

■ 232.6890,  
-31.8917, 9.0427

■ 239.3350,  
-11.5042, 3.2142

■ 229.2520,  
-42.5222, 12.0570

■ 242.7720, -0.8736,  
0.2000

■ 225.9290,  
-52.7160, 14.9713

■ 244.9550, 4.9522,  
-1.7145

■ 222.6060,  
-62.9098, 17.8855

■ 245.5420, 4.6628,  
-2.2293

■ 219.2830,  
-73.1035, 20.7998

■ 246.1290, 4.3734,  
-2.7441

■ 215.8460,  
-83.7341, 23.8141

■ 246.7160, 4.0840,  
-3.2589

■ 212.5230,  
-93.9278, 26.7283

■ 247.3030, 3.7946,  
-3.7737

■ 209.4280,  
-103.2480, 29.4426

■ 247.8900, 3.5052,  
-4.2885

■ 248.4770, 3.2158,  
-4.8033

# Harmonies

## Analogous

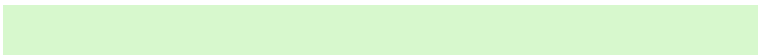
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.9040, -21.1517, 17.6242



236.0120, -21.6979, 6.1285



233.2310, -13.9179, -15.9886

# Triad

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



236.0120, -21.6979, 6.1285



228.4440, 13.0921, -45.9934



235.0590, 7.3659, 17.4883

# Complementary

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



236.0120, -21.6979, 6.1285



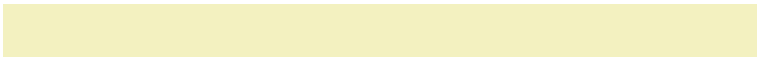
198.9880, 21.6979, -6.1285

# Split Complementary

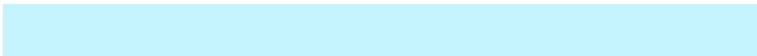
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1510, 7.8136, 13.8996



236.0120, -21.6979, 6.1285



231.2010, 11.7329, -29.9943

# Square

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



236.0120, -21.6979, 6.1285



228.5640, 11.0609, -47.8526



235.7740, 9.4784, -6.8178



232.3230, -3.1172, 19.8877

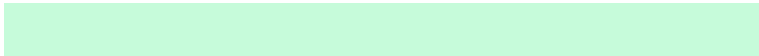


# Rectangle

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



236.0120, -21.6979, 6.1285



231.3910, -6.6018, -29.2839



235.7740, 9.4784, -6.8178



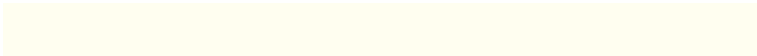
236.8030, 8.9711, 15.9588

# Sweetspot

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



236.0120, -21.6979, 6.1285



252.7030, -6.2626, 2.0145



207.5910, -6.2074, 31.0537



126.3870, -3.6418, 1.4146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

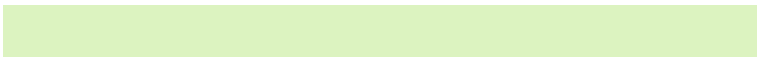
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0120, -21.6979, 6.1285



246.5300, -27.3763, 7.4282



230.3090, -18.8863, -9.0410



120.6320, -5.2416, 1.1997



160.6870, -79.2187, 22.1995



50.5130, -24.9029, 7.4431



# Inverse Universe

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



198.9880, 21.6979, -6.1285



200.0570, 27.0869, -7.9430



204.6910, 18.8863, 9.0410



111.9550, 4.9522, -1.7145



25.3130, 79.2187, -22.1995

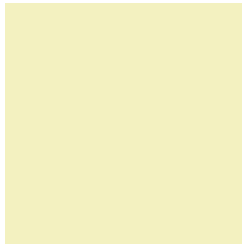


7.9000, 25.1923, -6.9283



# Previews

## White Background



This preview shows how the YUV color 236.0120, -21.6979, 6.1285 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

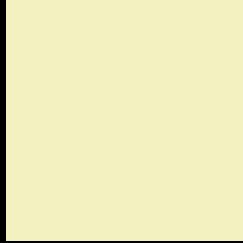
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 236.0120, -21.6979, 6.1285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

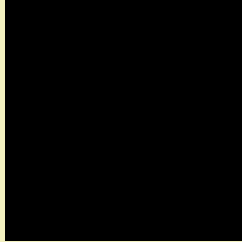
Any Text WCAG AA ✓ Pass

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 236.0120, -21.6979, 6.1285 Background



This preview shows how black text looks on a background with the YUV color 236.0120, -21.6979, 6.1285.



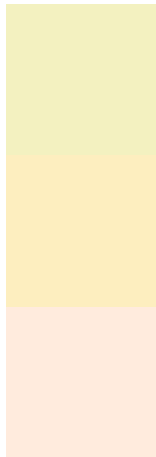
This preview shows how white text looks on a background with the YUV color 236.0120, -21.6979,



# 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

236.0120, -21.6979, 6.1285

### Protanopia

237.1270, -22.7406, 13.9206

### Deuteranopia

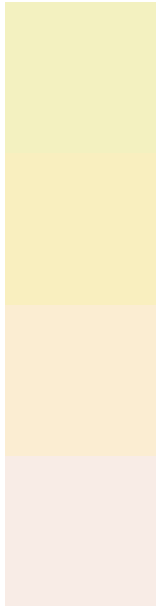
239.3840, -9.0633, 13.6952



## Tritanopia

240.4340, 5.2090, 9.2664

# Trichromacy



## Original Color

236.0120, -21.6979, 6.1285

## Protanomaly

236.5180, -22.4404, 10.9467

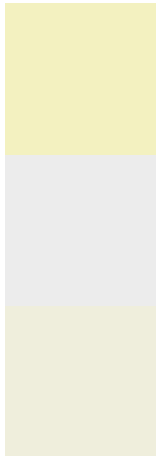
## Deuteranomaly

238.1080, -13.8572, 11.3063

## Tritanomaly

238.9040, -4.3897, 7.9772

# Monochromacy



## Original Color

236.0120, -21.6979, 6.1285

## Achromatopsia

236.0000, 0.0000, 0.0000

## Achromatomaly

236.2470, -8.0098, 2.4144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 236.0120, -21.6979, 6.1285 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(243, 241, 192)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 192)  
}
```

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(243, 241, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 192) }
```

## Border

The CSS property to change the border of an element to YUV 236.0120, -21.6979, 6.1285 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(243, 241, 192) }
```



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

```
.border{ border-color:rgb(243, 241, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 236.0120, -21.6979, 6.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 192) }
```

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

```
.background{ background-color: rgb(243,  
241, 192) }
```

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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