

# Converting Colors

YUV(233.8040, -16.1724,  
7.1879)

Have a look what the booklet for  
YUV(233.8040, -16.1724, 7.1879)  
contains.

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# Color

**YUV(233.8040, -16.1724,  
7.1879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2ECC9
RGB	242, 236, 201
RGB Percent	95%, 93%, 79%
CMY	0.0510, 0.0745, 0.2118
CMYK	0.00, 0.02, 0.17, 0.05
HSL	51°, 61%, 87%
HSV	51°, 17%, 95%
XYZ	77.1560, 83.0852, 67.2288
YIQ	233.8040, 14.8110, -9.6130

# Conversions

## Conversions Part 2

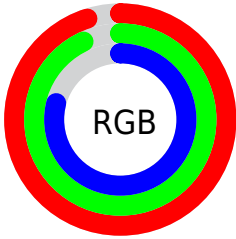
Format	Color
R <sub>Y</sub> B	208, 242, 201
Decimal	15920329
CIE Lab	93.05, -3.63, 17.71
CIE LCh	93, 18.082, 101.571
Yxy	83.0852, 0.3392, 0.3653
Android (android.graphics.Color)	4294110409 (0xFFFF2ECC9)
YUV	233.8040, -16.1724, 7.1879
Hunter-Lab	91.1511, -8.4207, 20.0762

# Details

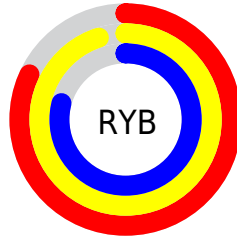
The YUV color **233.8040, -16.1724, 7.1879** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209.1960, 16.1724, -7.1879**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **178.0320, -15.2988, 6.9879** is the 20% darker color. If you saturate the color by 10%, you get **228.7200, -25.4980, 11.6466**, and if you desaturate by 10%, it is **238.8880, -6.8468, 2.7292**.

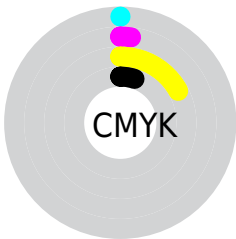
# Distribution



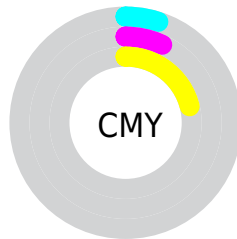
- Red (95%)
- Green (93%)
- Blue (79%)



- Red (82%)
- Yellow (95%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.8040, -16.1724, 7.1879 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 233.8040, -16.1724, 7.1879 by changing the saturation by 10% instead.



■ 233.8040,  
-16.1724, 7.1879

■ 233.8040,  
-16.1724, 7.1879

255.0000, 0.0000,  
0.0000

■ 205.6190,  
-15.5882, 6.4731

■ 178.0320,  
-15.2988, 6.9879

■ 151.1460,  
-14.8620, 6.8880

■ 125.5480,  
-14.5672, 5.6584

■ 100.6620,  
-14.1304, 5.5584

■ 76.5910, -13.1094,  
4.7437

■ 53.7050, -12.6726,

4.6437

■ 31.4770, -13.5462,  
4.8437

■ 10.0230, -4.9413,  
-1.7742

■ 233.8040,  
-16.1724, 7.1879

■ 233.8040,  
-16.1724, 7.1879

■ 228.7200,  
-25.4980, 11.6466

■ 238.8880, -6.8468,  
2.7292

■ 224.2230,  
-35.1129, 15.5904

■ 243.3850, 2.7682,  
-1.2146

■ 219.0250,  
-44.8753, 20.1491

■ 246.4170, 4.2314,  
-3.8737

■ 214.5280,  
-54.4903, 24.0929

■ 248.1780, 3.3632,  
-5.4181

■ 209.4440,  
-63.8159, 28.5516

■ 250.5260, 2.2057,  
-7.4773

■ 204.9470,  
-73.4309, 32.4955

■ 251.1130, 1.9163,  
-7.9921

■ 199.8630,  
-82.7565, 36.9541

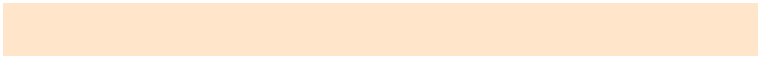
■ 195.2520,  
-92.8082, 40.9980

■ 193.8670,  
-95.5764, 42.2126

# Harmonies

## Analogous

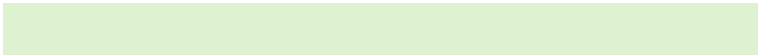
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2830, -15.9155, 18.1688



233.8040, -16.1724, 7.1879



231.6710, -11.1768, -8.4815

# Triad

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



233.8040, -16.1724, 7.1879



229.7060, 12.4699, -33.0682



235.7770, 5.0399, 16.8586

# Complementary

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



233.8040, -16.1724, 7.1879



209.1960, 16.1724, -7.1879

# Split Complementary

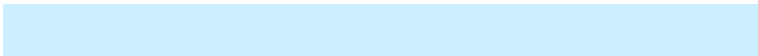
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.7590, 8.9928, 8.9814



233.8040, -16.1724, 7.1879



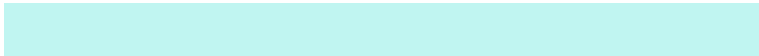
230.9460, 11.8586, -23.6316

# Square

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



233.8040, -16.1724, 7.1879



228.6970, 6.0654, -32.1833



233.7030, 10.4994, -7.6325



233.2520, -2.0962, 19.0730



# Rectangle

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



233.8040, -16.1724, 7.1879



230.5710, -6.1975, -18.9178



233.7030, 10.4994, -7.6325



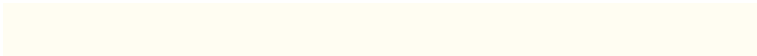
237.0480, 7.3713, 15.7439

# Sweetspot

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



233.8040, -16.1724, 7.1879



252.3440, -5.0996, 2.3293



213.9430, -3.4229, 24.6060



125.9140, -2.9156, 1.8294



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.



233.8040, -16.1724, 7.1879



245.0770, -20.2510, 8.7025



233.1400, -15.8450, -4.5078



117.4580, -4.6628, 2.2293



147.1750, -72.5573, 32.2955



44.9200, -22.1456, 9.7172



# Inverse Universe

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



209.1960, 16.1724, -7.1879



213.9230, 20.2510, -8.7025



209.8600, 15.8450, 4.5078



110.5420, 4.6628, -2.2293



36.8250, 72.5573, -32.2955

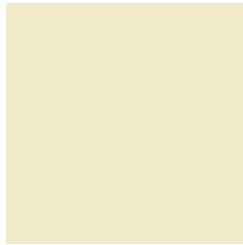


11.0800, 22.1456, -9.7172



# Previews

## White Background



This preview shows how the YUV color 233.8040, -16.1724, 7.1879 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

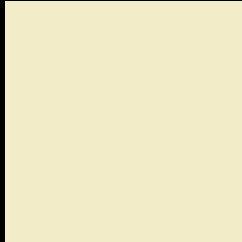
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.8040, -16.1724, 7.1879 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

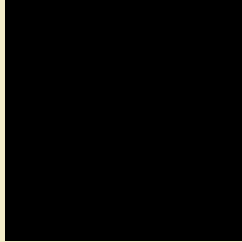
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

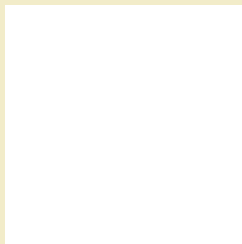
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 233.8040, -16.1724, 7.1879

## Background



This preview shows how black text looks on a background with the YUV color 233.8040, -16.1724, 7.1879.



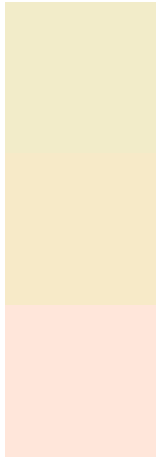
This preview shows how white text looks on a background with the YUV color 233.8040, -16.1724, 7.1879.

7.1879.

# 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

233.8040, -16.1724, 7.1879

### Protanopia

234.0110, -16.7674, 11.3914

### Deuteranopia

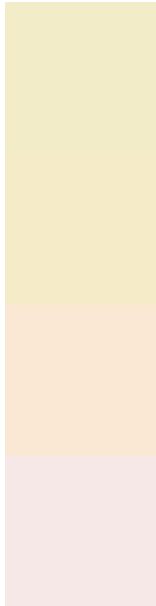
236.1070, -8.9268, 16.5692



## Tritanopia

236.7330, 5.0616, 9.8812

# Trichromacy



## Original Color

233.8040, -16.1724, 7.1879

## Protanomaly

234.0000, -16.7620, 9.6470

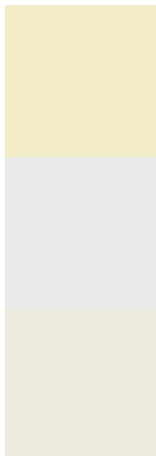
## Deuteranomaly

235.1020, -11.3893, 13.0655

## Tritanomaly

235.9580, -2.9373, 8.8068

# Monochromacy



## Original Color

233.8040, -16.1724, 7.1879

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

234.1160, -5.9732, 2.5293

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.8040, -16.1724, 7.1879 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(242, 236, 201)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 201)  
}
```

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(242, 236, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 201) }
```

## Border

The CSS property to change the border of an element to YUV 233.8040, -16.1724, 7.1879 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(242, 236, 201) }
```



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

```
.border{ border-color:rgb(242, 236, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 201);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 233.8040, -16.1724, 7.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 201) }
```

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

```
.background{ background-color: rgb(242,  
236, 201) }
```

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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