

# Converting Colors

YUV(234.0830, -22.7189,  
6.9432)

Have a look what the booklet for  
YUV(234.0830, -22.7189, 6.9432)  
contains.

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# Color

**YUV(234.0830, -22.7189,  
6.9432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2EFBC
RGB	242, 239, 188
RGB Percent	95%, 94%, 74%
CMY	0.0510, 0.0627, 0.2627
CMYK	0.00, 0.01, 0.22, 0.05
HSL	57°, 67%, 84%
HSV	57°, 22%, 95%
XYZ	76.5616, 84.2411, 59.8019
YIQ	234.0830, 18.1590, -15.2250

# Conversions

## Conversions Part 2

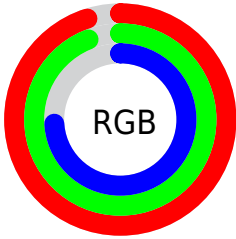
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 242, 188
Decimal	15921084
CIE <sub>Lab</sub>	93.56, -7.00, 25.10
CIE <sub>LCh</sub>	94, 26.058, 105.578
Yxy	84.2411, 0.3471, 0.3819
Android (android.graphics.Color)	4294111164 (0xFFF2EFBC)
YUV	234.0830, -22.7189, 6.9432
Hunter-Lab	91.7829, -11.7228, 25.6172

# Details

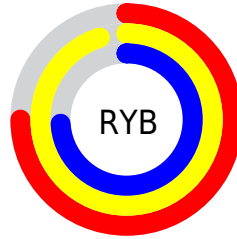
The YUV color  $234.0830, -22.7189, 6.9432$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $195.9170, 22.7189, -6.9432$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.7460, -4.8048, 1.0998$ , and  $178.0120, -21.6979, 6.1285$  is the 20% darker color. If you saturate the color by 10%, you get  $230.7600, -32.9127, 9.8575$ , and if you desaturate by 10%, it is  $237.4060, -12.5252, 4.0289$ .

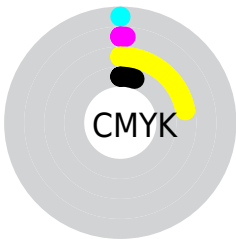
# Distribution



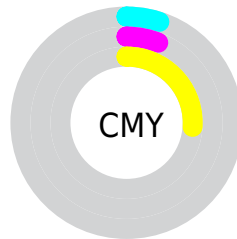
- Red (95%)
- Green (94%)
- Blue (74%)



- Red (75%)
- Yellow (95%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.0830, -22.7189, 6.9432 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 234.0830, -22.7189, 6.9432 by changing the saturation by 10% instead.



■ 234.0830,  
-22.7189, 6.9432

■ 234.0830,  
-22.7189, 6.9432

255.0000, 0.0000,  
0.0000

■ 205.8980,  
-22.1347, 6.2285

■ 253.7460, -4.8048,  
1.0998

■ 178.0120,  
-21.6979, 6.1285

■ 151.2400,  
-20.8243, 5.9285

■ 125.3540,  
-20.3875, 5.8285

■ 100.2830,  
-19.3665, 5.0138

■ 76.0980, -18.7823,  
4.2991

■ 52.9130, -18.1981,

3.5843

■ 32.4830, -16.0141,  
3.0844

■ 10.5770, -5.2145,  
-7.5220

■ 234.0830,  
-22.7189, 6.9432

■ 234.0830,  
-22.7189, 6.9432

■ 230.7600,  
-32.9127, 9.8575

■ 237.4060,  
-12.5252, 4.0289

■ 226.8500,  
-42.8170, 13.2866

■ 241.3160, -2.6208,  
0.5999

■ 223.4130,  
-53.4476, 16.3008

■ 244.0690, 5.3890,  
-1.8145

■ 220.0900,  
-63.6414, 19.2151

■ 244.6560, 5.0996,  
-2.3293

■ 216.1800,  
-73.5457, 22.6441

■ 245.8300, 4.5208,  
-3.3589

■ 212.8570,  
-83.7395, 25.5584

■ 246.4170, 4.2314,  
-3.8737

■ 209.5340,  
-93.9333, 28.4727

■ 247.0040, 3.9420,  
-4.3885

■ 206.7810,  
-101.9430, 30.8871

■ 248.1780, 3.3632,  
-5.4181

■ 248.7650, 3.0739,  
-5.9329

# Harmonies

## Analogous

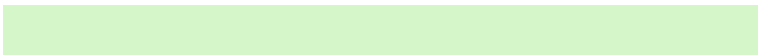
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2740, -22.3201, 19.0537



234.0830, -22.7189, 6.9432



231.0030, -14.7915, -15.7886

# Triad

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



234.0830, -22.7189, 6.9432



225.4760, 14.5553, -48.6525



233.8850, 7.9447, 18.5179

# Complementary

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



234.0830, -22.7189, 6.9432



195.9170, 22.7189, -6.9432

# Split Complementary

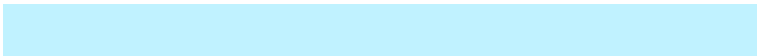
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9770, 8.3923, 14.9292



234.0830, -22.7189, 6.9432



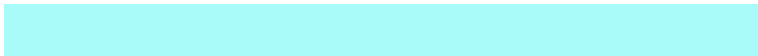
228.5320, 13.0487, -32.0386

# Square

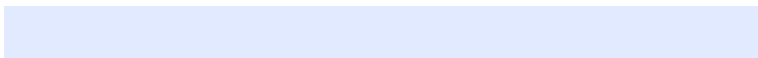
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.0830, -22.7189, 6.9432



226.2540, 11.2138, -50.2118



233.7030, 10.4994, -7.6325



230.3340, -3.1227, 21.6321

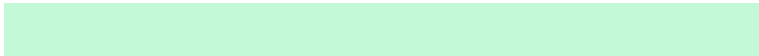


# Rectangle

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



234.0830, -22.7189, 6.9432



228.9780, -6.8912, -29.7987



233.7030, 10.4994, -7.6325



235.0420, 9.8393, 17.5032

# Sweetspot

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



234.0830, -22.7189, 6.9432



252.3610, -7.5730, 2.3144



204.6020, -6.2128, 32.7980



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

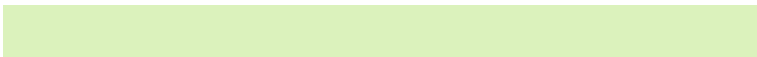
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.0830, -22.7189, 6.9432



244.7860, -28.9815, 8.9577



228.9670, -20.1967, -8.7411



118.0450, -4.9522, 1.7145



156.5670, -77.1875, 24.0587



47.8550, -23.5925, 7.1432



# Inverse Universe

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



195.9170, 22.7189, -6.9432



196.2140, 28.9815, -8.9577



201.0330, 20.1967, 8.7411



109.9550, 4.9522, -1.7145



26.8460, 77.4769, -23.5439

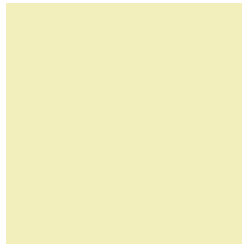


8.1450, 23.5925, -7.1432



# Previews

## White Background



This preview shows how the YUV color 234.0830, -22.7189, 6.9432 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

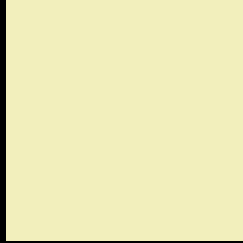
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.0830, -22.7189, 6.9432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

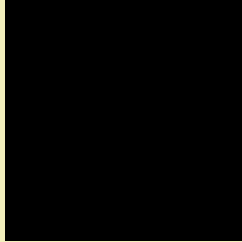
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

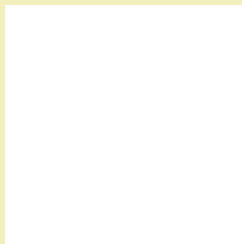
Any Text WCAG AAA ✓ Pass

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

# YUV 234.0830, -22.7189, 6.9432 Background



This preview shows how black text looks on a background with the YUV color 234.0830, -22.7189, 6.9432.



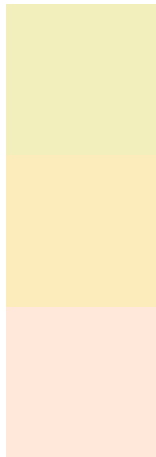
This preview shows how white text looks on a background with the YUV color 234.0830, -22.7189, 6.9432.



# 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

234.0830, -22.7189, 6.9432

### Protanopia

235.1980, -23.7616, 14.7354

### Deuteranopia

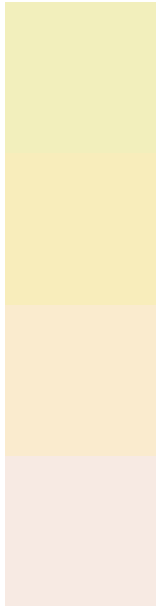
237.1670, -9.9423, 15.6395



## Tritanopia

238.7330, 5.0616, 9.8812

# Trichromacy



## Original Color

234.0830, -22.7189, 6.9432

## Protanomaly

234.5890, -23.4614, 11.7614

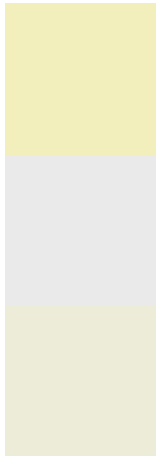
## Deuteranomaly

236.1790, -14.8782, 12.1210

## Tritanomaly

237.0890, -4.9739, 8.6919

# Monochromacy



## Original Color

234.0830, -22.7189, 6.9432

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

234.1330, -8.4466, 2.5144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.0830, -22.7189, 6.9432 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, 239, 188)` looks like.

```
.text, #text, p{  
    color:rgb(242, 239, 188)  
}
```

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, 239, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 239, 188) }
```

## Border

The CSS property to change the border of an element to YUV 234.0830, -22.7189, 6.9432 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, 239, 188) }
```



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

```
.border{ border-color:rgb(242, 239, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 239, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 239, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 239, 188);  
box-shadow:4px 4px 4px 4px rgb(242, 239,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 234.0830, -22.7189, 6.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 239, 188) }
```

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

```
.background{ background-color: rgb(242,  
239, 188) }
```

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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