

# Converting Colors

YUV(232.4140, -4.6411, -4.7481)

Have a look what the booklet for  
YUV(232.4140, -4.6411, -4.7481)  
contains.

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# Color

**YUV(232.4140, -4.6411,  
-4.7481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3EDDF
RGB	227, 237, 223
RGB Percent	89%, 93%, 87%
CMY	0.1098, 0.0706, 0.1255
CMYK	0.04, 0.00, 0.06, 0.07
HSL	103°, 28%, 90%
HSV	103°, 6%, 93%
XYZ	75.2820, 82.2270, 81.7156
YIQ	232.4140, -1.4660, -6.4740

# Conversions

## Conversions Part 2

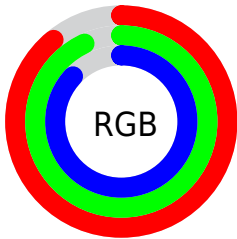
Format	Color
R <sub>Y</sub> B	223, 237, 233
Decimal	14937567
CIE Lab	92.67, -5.81, 5.62
CIE LCh	93, 8.083, 135.959
Yxy	82.2270, 0.3147, 0.3437
Android (android.graphics.Color)	4293127647 (0xFFE3EDDF)
YUV	232.4140, -4.6411, -4.7481
Hunter-Lab	90.6791, -10.4972, 10.0461

# Details

The YUV color  $232.4140, -4.6411, -4.7481$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $227.5860, 4.6411, 4.7481$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.8270, -4.3517, -4.2333$  is the 20% darker color. If you saturate the color by 10%, you get  $224.5950, -12.6183, -12.7998$ , and if you desaturate by 10%, it is  $240.2330, 3.3361, 3.3037$ .

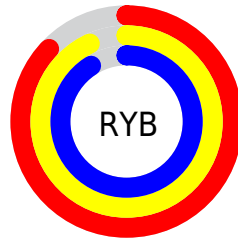
# Distribution



Red (89%)

Green (93%)

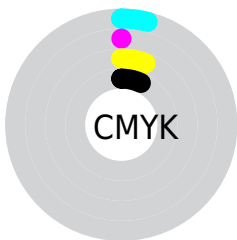
Blue (87%)



Red (87%)

Yellow (93%)

Blue (91%)

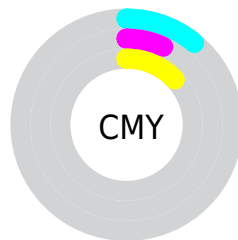


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (11%)

Magenta (7%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.4140, -4.6411, -4.7481 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 232.4140, -4.6411, -4.7481 by changing the saturation by 10% instead.



■ 232.4140, -4.6411,  
-4.7481

■ 232.4140, -4.6411,  
-4.7481

255.0000, 0.0000,  
0.0000

■ 204.4140, -4.6411,  
-4.7481

■ 176.8270, -4.3517,  
-4.2333

■ 149.8270, -4.3517,  
-4.2333

■ 123.9410, -3.9149,  
-4.3333

■ 99.2400, -4.0623,  
-3.7185

■ 75.3540, -3.6255,  
-3.8185

■ 52.7670, -3.3361,

-3.3037

■ 31.7670, -3.3361,  
-3.3037

■ 7.6310, -3.7621,  
-6.6924

■ 232.4140, -4.6411,  
-4.7481

■ 232.4140, -4.6411,  
-4.7481

■ 224.5950,  
-12.6183, -12.7998

■ 240.2330, 3.3361,  
3.3037

■ 216.8900,  
-20.1588, -20.9515

■ 244.4340, 5.2090,  
9.2664

■ 209.0710,  
-28.1360, -29.0033

■ 201.2520,  
-36.1132, -37.0550

■ 193.4330,  
-44.0905, -45.1067

■ 185.7280,  
-51.6309, -53.2585

■ 177.9090,  
-59.6081, -61.3102

■ 170.3890,  
-67.7328, -68.7472

■ 162.6840,  
-75.2732, -76.8989

# Harmonies

## Analogous

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



233.4750, -7.1362, 2.2144



232.4140, -4.6411, -4.7481



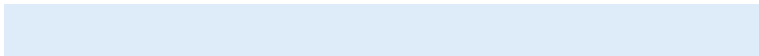
231.4070, -0.6937, -10.8809

# Triad

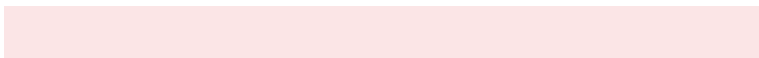
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.4140, -4.6411, -4.7481



233.2960, 7.7421, -9.9066



235.6920, -2.8062, 13.4251

# Complementary

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



232.4140, -4.6411, -4.7481



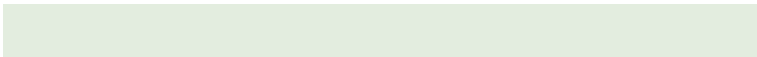
227.5860, 4.6411, 4.7481

# 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.



235.7070, 1.1304, 10.7810



232.4140, -4.6411, -4.7481



234.2260, 7.2836, -2.8292

# Square

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



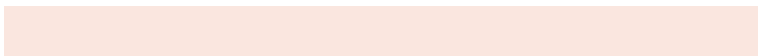
232.4140, -4.6411, -4.7481



232.2200, 6.3005, -14.2249



235.5860, 4.6411, 4.7481



235.1820, -6.0057, 12.9954

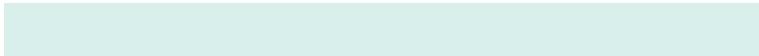


# Rectangle

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



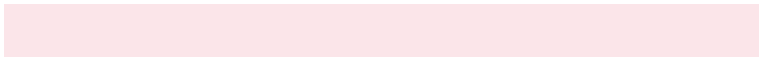
232.4140, -4.6411, -4.7481



231.6670, 1.6432, -13.7400



235.5860, 4.6411, 4.7481



236.0340, -1.4958, 13.1252

# Sweetspot

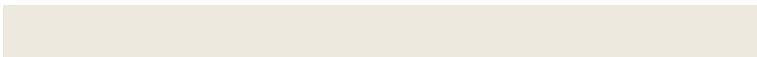
The Sweet Spot groups the original color and five complimentary colors.



232.4140, -4.6411, -4.7481



253.2340, -1.5944, -1.9592



233.0560, -4.9576, 3.4589



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

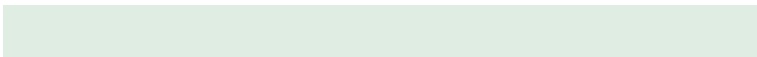
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4140, -4.6411, -4.7481



249.0610, -5.9461, -6.1925



231.5600, -2.7411, -7.5071



114.1800, -3.0467, -2.7889



121.7950, -60.0449, -61.2102



36.1830, -17.8382, -18.5775



# Inverse Universe

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



227.5860, 4.6411, 4.7481



242.9390, 5.9461, 6.1925



228.4400, 2.7411, 7.5071



111.1190, 2.8993, 3.4036



59.2050, 60.0449, 61.2102

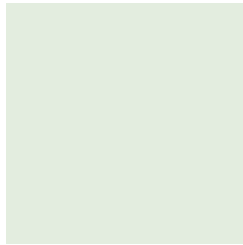


17.5180, 17.9856, 17.9627



# Previews

## White Background



This preview shows how the YUV color 232.4140, -4.6411, -4.7481 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

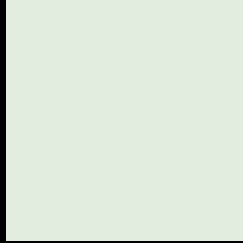
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.4140, -4.6411, -4.7481 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

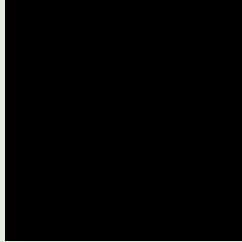
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

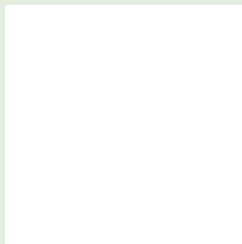
Any Text WCAG AAA ✓ Pass

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

# YUV 232.4140, -4.6411, -4.7481 Background



This preview shows how black text looks on a background with the YUV color 232.4140, -4.6411, -4.7481.



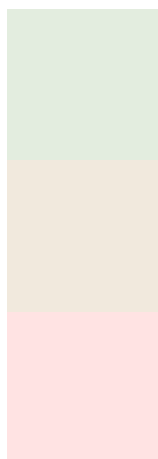
This preview shows how white text looks on a background with the YUV color 232.4140, -4.6411, -4.7481.

-4.7481.

# 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

232.4140, -4.6411, -4.7481

### Protanopia

234.0240, -6.4208, 6.1180

### Deuteranopia

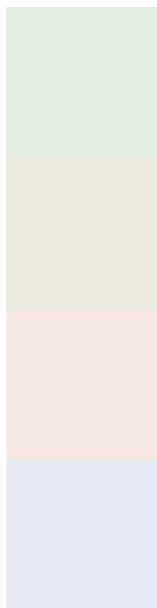
235.3720, -4.1274, 17.2138



## Tritanopia

234.4540, 8.1572, -3.0292

# Trichromacy



## Original Color

232.4140, -4.6411, -4.7481

## Protanomaly

233.2300, -5.5364, 2.4293

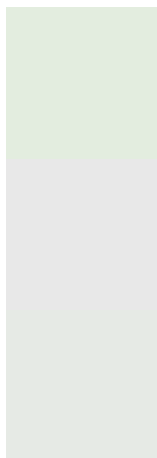
## Deuteranomaly

234.6160, -4.2477, 9.1068

## Tritanomaly

233.6020, 3.6472, -3.1590

# Monochromacy



## Original Color

232.4140, -4.6411, -4.7481

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.2340, -1.5944, -1.9592

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.4140, -4.6411, -4.7481 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(227, 237, 223)` looks like.

```
.text, #text, p{  
    color:rgb(227, 237, 223)  
}
```

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(227, 237, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 237, 223) }
```

## Border

The CSS property to change the border of an element to YUV 232.4140, -4.6411, -4.7481 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(227, 237, 223) }
```



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

```
.border{ border-color:rgb(227, 237, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 237, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 237, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 237, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 237,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 232.4140, -4.6411, -4.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 237, 223) }
```

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

```
.background{ background-color: rgb(227,  
237, 223) }
```

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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