

# Converting Colors

YUV(228.8830, 7.4527,  
-10.4214)

Have a look what the booklet for  
YUV(228.8830, 7.4527, -10.4214)  
contains.

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# Color

**YUV(228.8830, 7.4527,  
-10.4214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E8F4
RGB	217, 232, 244
RGB Percent	85%, 91%, 96%
CMY	0.1490, 0.0902, 0.0431
CMYK	0.11, 0.05, 0.00, 0.04
HSL	207°, 55%, 90%
HSV	207°, 11%, 96%
XYZ	73.8010, 78.9966, 96.9461
YIQ	228.8830, -12.7920, 0.5520

# Conversions

## Conversions Part 2

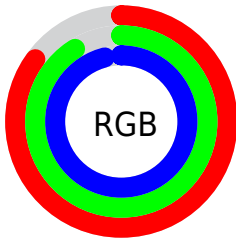
Format	Color
R <sub>Y</sub> B	217, 227, 244
Decimal	14280948
CIE Lab	91.23, -2.65, -7.52
CIE LCh	91, 7.975, 250.611
Yxy	78.9966, 0.2955, 0.3163
Android (android.graphics.Color)	4292471028 (0xFFD9E8F4)
YUV	228.8830, 7.4527, -10.4214
Hunter-Lab	88.8800, -7.3236, -2.4547

# Details

The YUV color  $228.8830, 7.4527, -10.4214$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $232.1170, -7.4527, 10.4214$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $173.1820, 7.3053, -9.8066$  is the 20% darker color. If you saturate the color by 10%, you get  $215.2500, 14.1738, -19.5132$ , and if you desaturate by 10%, it is  $242.5160, 0.7316, -1.3295$ .

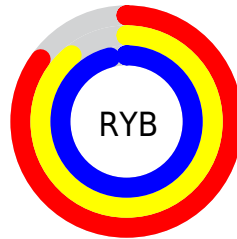
# Distribution



Red (85%)

Green (91%)

Blue (96%)



Red (85%)

Yellow (89%)

Blue (96%)

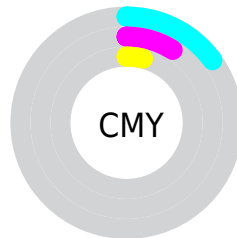


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (9%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.8830, 7.4527, -10.4214 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 228.8830, 7.4527, -10.4214 by changing the saturation by 10% instead.



■ 228.8830, 7.4527,  
-10.4214

■ 228.8830, 7.4527,  
-10.4214

255.0000, 0.0000,  
0.0000

■ 200.8830, 7.4527,  
-10.4214

■ 173.1820, 7.3053,  
-9.8066

■ 147.0680, 6.8685,  
-9.7066

■ 121.0680, 6.8685,  
-9.7066

■ 96.2530, 6.2843,  
-8.9919

■ 72.2530, 6.2843,  
-8.9919

■ 50.1390, 5.8475,

-8.8919

■ 28.4380, 5.7001,  
-8.2771

■ 6.3890, 6.7102,  
-5.6032

■ 228.8830, 7.4527,  
-10.4214

■ 228.8830, 7.4527,  
-10.4214

■ 215.2500, 14.1738,  
-19.5132

■ 242.5160, 0.7316,  
-1.3295

■ 201.3180, 21.0422,  
-29.2199

■ 253.1590, -4.5154,  
1.6146

■ 187.6850, 27.7633,  
-38.3117

■ 253.7460, -4.8048,  
1.0998

■ 174.3400, 34.3424,  
-48.5332

■ 160.7070, 41.0634,  
-57.6250

■ 147.0740, 47.7845,  
-66.7169

■ 133.1420, 54.6530,  
-76.4235

■ 119.5090, 61.3741,  
-85.5154

■ 107.6480, 67.2215,  
-94.4073

# Harmonies

## Analogous

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



227.9920, 5.4269, -14.0250



228.8830, 7.4527, -10.4214



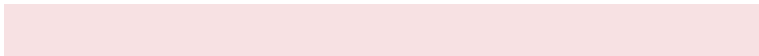
230.2150, 7.2890, -4.5736

# Triad

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



228.8830, 7.4527, -10.4214



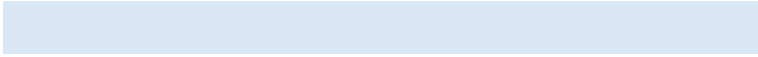
231.8060, -2.3694, 13.3251



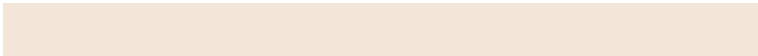
228.3110, -5.0833, -2.9037

# Complementary

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



228.8830, 7.4527, -10.4214



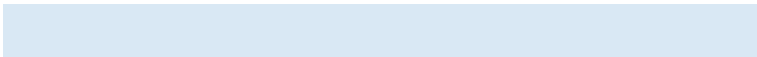
232.1170, -7.4527, 10.4214

# Split Complementary

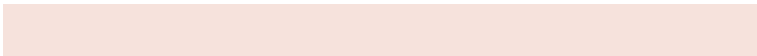
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.4860, -7.1416, 3.9588



228.8830, 7.4527, -10.4214



231.2960, -5.5689, 12.8954

# Square

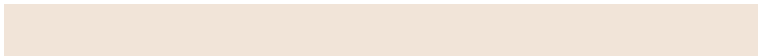
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.8830, 7.4527, -10.4214



231.2230, 1.8621, 9.4514



230.5190, -7.1579, 9.1918



227.8910, -1.4253, -9.5514



# Rectangle

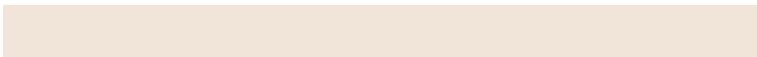
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.8830, 7.4527, -10.4214



230.9060, 5.9623, 0.9594



230.5190, -7.1579, 9.1918



229.0940, -5.9623, -0.9594

# Sweetspot

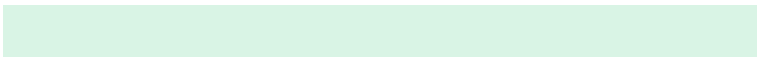
The Sweet Spot groups the original color and five complimentary colors.



228.8830, 7.4527, -10.4214



250.8470, 2.0474, -3.3738



234.2170, -2.5720, -15.0993



124.4450, 1.7526, -2.1443



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.



228.8830, 7.4527, -10.4214



236.3280, 9.2053, -12.5657



221.2520, 11.2148, -3.7290



115.4770, 3.2158, -4.8033



81.6650, 51.4372, -71.6202



26.0970, 16.2212, -22.8871



# Inverse Universe

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



226.7830, 2.5720, 15.0993



233.9190, 2.9979, 18.4880



239.7480, -11.2148, 3.7290



114.3860, 1.2887, 6.6775



67.3560, 17.5725, 104.0508

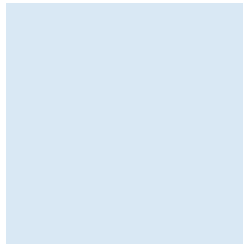


21.4030, 5.7173, 32.9726



# Previews

## White Background



This preview shows how the YUV color 228.8830, 7.4527, -10.4214 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

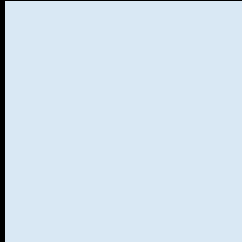
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.8830, 7.4527, -10.4214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

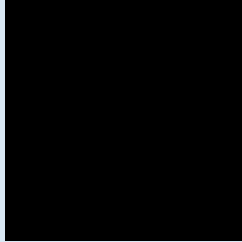
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

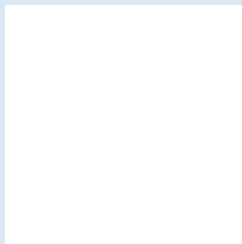
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 228.8830, 7.4527, -10.4214

## Background



This preview shows how black text looks on a background with the YUV color 228.8830, 7.4527, -10.4214.



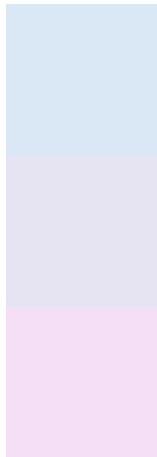
This preview shows how white text looks on a background with the YUV color 228.8830, 7.4527, -10.4214.

-10.4214.

# 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

228.8830, 7.4527, -10.4214

### Protanopia

230.1940, 5.8204, -0.1701

### Deuteranopia

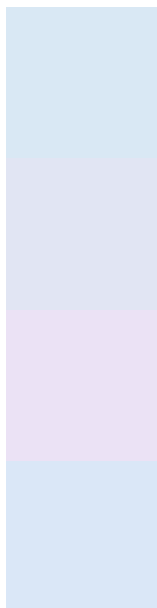
232.2000, 6.8034, 11.2256



## **Tritanopia**

229.1650, 9.7787, -9.7917

# Trichromacy



## Original Color

228.8830, 7.4527, -10.4214

## Protanomaly

229.4000, 6.7048, -3.8588

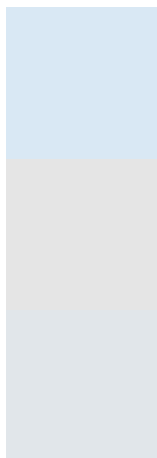
## Deuteranomaly

230.8570, 6.9725, 3.6334

## Tritanomaly

228.9370, 8.9051, -9.5917

# Monochromacy



## Original Color

228.8830, 7.4527, -10.4214

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.9610, 2.4842, -3.4738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.8830, 7.4527, -10.4214 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(217, 232, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 244)  
}
```

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(217, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 244) }
```

## Border

The CSS property to change the border of an element to YUV 228.8830, 7.4527, -10.4214 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(217, 232, 244) }
```



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

```
.border{ border-color:rgb(217, 232, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 232, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 232, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 232, 244); box-shadow:4px 4px 4px 4px rgb(217, 232, 244) }
```

# Background

The CSS property to change the background color of an element to YUV 228.8830, 7.4527, -10.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 244) }
```

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

```
.background{ background-color: rgb(217,  
232, 244) }
```

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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