

# Converting Colors

YUV(227.7870, 3.0630, -2.4442)

Have a look what the booklet for  
YUV(227.7870, 3.0630, -2.4442)  
contains.

<b>YUV(227.7870, 3.0630, -2.4442)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(227.7870, 3.0630,  
-2.4442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E4EA
RGB	225, 228, 234
RGB Percent	88%, 89%, 92%
CMY	0.1176, 0.1059, 0.0824
CMYK	0.04, 0.03, 0.00, 0.08
HSL	220°, 18%, 90%
HSV	220°, 4%, 92%
XYZ	73.6460, 77.4349, 88.9068
YIQ	227.7870, -3.7140, 1.2300

# Conversions

## Conversions Part 2

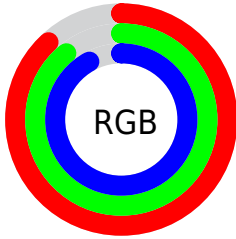
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 227, 234
Decimal	14804202
CIE Lab	90.52, 0.10, -3.28
CIE LCh	91, 3.278, 271.690
Yxy	77.4349, 0.3069, 0.3227
Android (android.graphics.Color)	4292994282 (0xFFE1E4EA)
YUV	227.7870, 3.0630, -2.4442
Hunter-Lab	87.9971, -4.6057, 1.6950

# Details

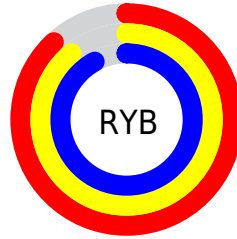
The YUV color  $227.7870, 3.0630, -2.4442$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $231.2130, -3.0630, 2.4442$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.6730, 2.6262, -2.3442$  is the 20% darker color. If you saturate the color by 10%, you get  $211.5180, 11.0836, -8.3473$ , and if you desaturate by 10%, it is  $244.0560, -4.9576, 3.4589$ .

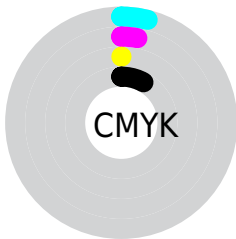
# Distribution



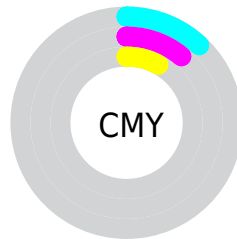
- Red (88%)
- Green (89%)
- Blue (92%)



- Red (88%)
- Yellow (89%)
- Blue (92%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.7870, 3.0630, -2.4442 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 227.7870, 3.0630, -2.4442 by changing the saturation by 10% instead.



■ 227.7870, 3.0630,  
-2.4442

■ 227.7870, 3.0630,  
-2.4442

255.0000, 0.0000,  
0.0000

■ 199.7870, 3.0630,  
-2.4442

■ 172.6730, 2.6262,  
-2.3442

■ 145.7870, 3.0630,  
-2.4442

■ 120.0860, 2.9156,  
-1.8294

■ 95.6730, 2.6262,  
-2.3442

■ 71.6730, 2.6262,  
-2.3442

■ 49.5590, 2.1894,

-2.2442

■ 28.5590, 2.1894,  
-2.2442

■ 2.3140, 3.7892,  
-2.0294

■ 227.7870, 3.0630,  
-2.4442

■ 227.7870, 3.0630,  
-2.4442

■ 211.5180, 11.0836,  
-8.3473

■ 244.0560, -4.9576,  
3.4589

■ 195.5370, 18.9623,  
-15.3799

■ 252.6060, -9.1728,  
2.0995

■ 179.2680, 26.9829,  
-21.2830

■ 163.2870, 34.8615,  
-28.3157

■ 147.0180, 42.8821,  
-34.2188

■ 130.7490, 50.9027,  
-40.1219

■ 114.7680, 58.7814,  
-47.1545

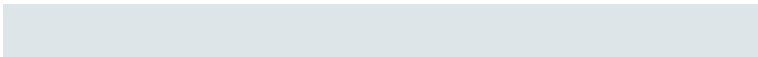
■ 98.4990, 66.8020,  
-53.0576

■ 82.5180, 74.6806,  
-60.0903

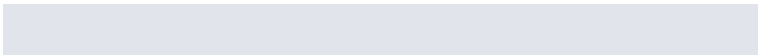
# Harmonies

## Analogous

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



227.3630, 2.7790, -4.7034



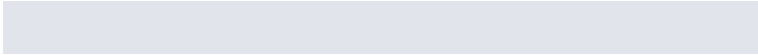
227.7870, 3.0630, -2.4442



228.2820, 2.3260, 0.6297

# Triad

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



227.7870, 3.0630, -2.4442



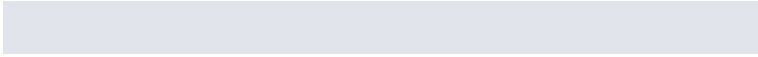
228.5770, -1.7635, 5.6330



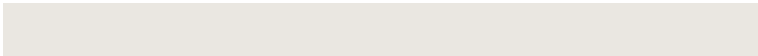
226.7500, -0.8628, -3.2887

# Complementary

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



227.7870, 3.0630, -2.4442



231.2130, -3.0630, 2.4442

# Split Complementary

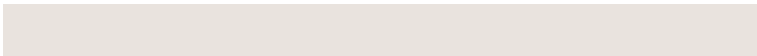
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6040, -2.7628, -0.5297



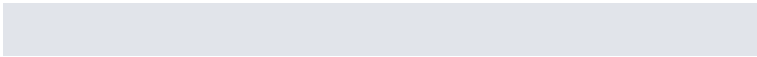
227.7870, 3.0630, -2.4442



228.2240, -3.0684, 4.1886

# Square

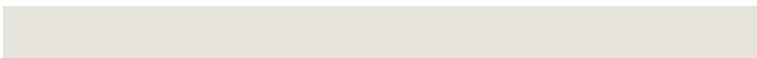
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



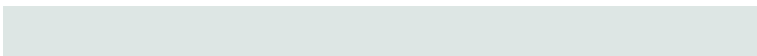
227.7870, 3.0630, -2.4442



228.6200, -0.3057, 4.7183



227.9140, -2.9156, 1.8294



227.0810, 0.4531, -5.3330



# Rectangle

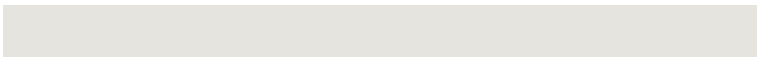
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.7870, 3.0630, -2.4442



228.1790, 1.8838, 2.4740



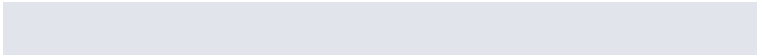
227.9140, -2.9156, 1.8294



226.9350, -1.4470, -2.5740

# Sweetspot

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



227.7870, 3.0630, -2.4442



252.9290, 1.0210, -0.8147



230.9670, 0.0163, -5.2331



126.8150, 0.5842, -0.7148



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.



227.7870, 3.0630, -2.4442



246.4170, 4.2314, -3.8737



226.3250, 3.7838, -0.2850



112.5590, 2.1894, -2.2442



55.8540, 61.6970, -48.9840



16.7220, 18.3781, -14.6652



# Inverse Universe

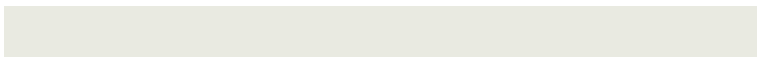
The Inverse Universe completely reimagines the original color for something new.



228.0330, -0.0163, 5.2331



246.4570, 0.2677, 7.4922



232.6750, -3.7838, 0.2850



112.4350, 0.2785, 4.0035



60.9590, -0.4728, 105.2760

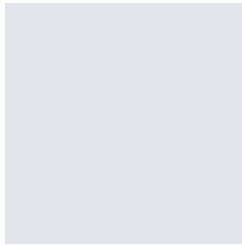


18.1980, -0.0976, 31.3984



# Previews

## White Background



This preview shows how the YUV color 227.7870, 3.0630, -2.4442 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

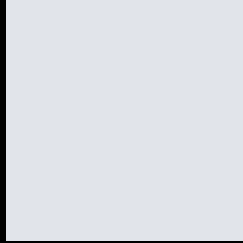
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.7870, 3.0630, -2.4442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

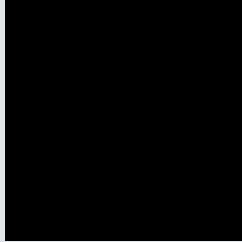
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

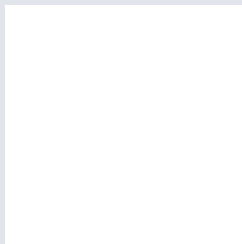
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 227.7870, 3.0630, -2.4442

## Background



This preview shows how black text looks on a background with the YUV color 227.7870, 3.0630, -2.4442.



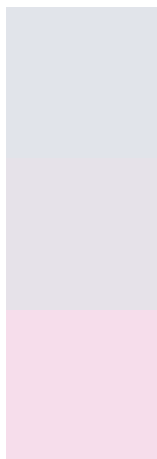
This preview shows how white text looks on a background with the YUV color 227.7870, 3.0630,

-2.4442.

# 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

227.7870, 3.0630, -2.4442

### Protanopia

227.9940, 2.4680, 1.7593

### Deuteranopia

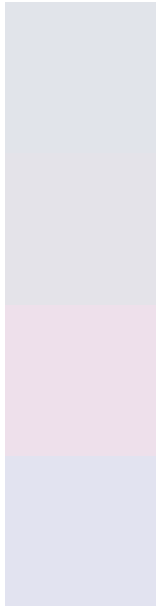
230.0710, 2.4300, 13.9697



## Tritanopia

228.3510, 7.7150, -1.1848

# Trichromacy



## Original Color

227.7870, 3.0630, -2.4442

## Protanomaly

227.9830, 2.4734, 0.0149

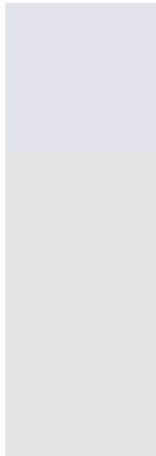
## Deuteranomaly

229.4400, 2.7411, 7.5071

## Tritanomaly

228.1830, 5.8258, -1.9145

# Monochromacy



## Original Color

227.7870, 3.0630, -2.4442

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

227.9290, 1.0210, -0.8147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.7870, 3.0630, -2.4442 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(225, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 234)  
}
```

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(225, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 234) }
```

## Border

The CSS property to change the border of an element to YUV 227.7870, 3.0630, -2.4442 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(225, 228, 234) }
```



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

```
.border{ border-color:rgb(225, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(225, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 227.7870, 3.0630, -2.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 234) }
```

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

```
.background{ background-color: rgb(225,  
228, 234) }
```

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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