

# Converting Colors

YUV(227.4020, 0.2948, -1.2296)

Have a look what the booklet for  
YUV(227.4020, 0.2948, -1.2296)  
contains.

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# Color

**YUV(227.4020, 0.2948,  
-1.2296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E4E4
RGB	226, 228, 228
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1059, 0.1059
CMYK	0.01, 0.00, 0.00, 0.11
HSL	180°, 4%, 89%
HSV	180°, 1%, 89%
XYZ	73.1110, 77.2570, 84.4575
YIQ	227.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

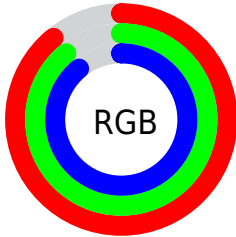
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 227, 228
Decimal	14869732
CIE Lab	90.44, -0.67, -0.25
CIE LCh	90, 0.710, 200.214
Yxy	77.2570, 0.3113, 0.3290
Android (android.graphics.Color)	4293059812 (0xFFE2E4E4)
YUV	227.4020, 0.2948, -1.2296
Hunter-Lab	87.8960, -5.3433, 4.5566

# Details

The YUV color  $227.4020, 0.2948, -1.2296$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $226.5980, -0.2948, 1.2296$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.4020, 0.2948, -1.2296$  is the 20% darker color. If you saturate the color by 10%, you get  $220.5250, 3.6852, -15.3694$ , and if you desaturate by 10%, it is  $234.2790, -3.0955, 12.9103$ .

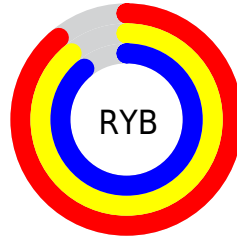
# Distribution



Red (89%)

Green (89%)

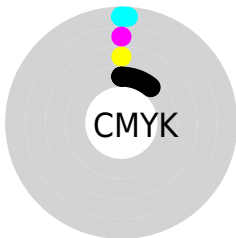
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

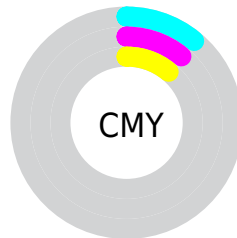


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.4020, 0.2948, -1.2296 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 227.4020, 0.2948, -1.2296 by changing the saturation by 10% instead.



■ 227.4020, 0.2948,  
-1.2296

■ 227.4020, 0.2948,  
-1.2296

255.0000, 0.0000,  
0.0000

■ 199.4020, 0.2948,  
-1.2296

■ 172.4020, 0.2948,  
-1.2296

■ 145.4020, 0.2948,  
-1.2296

■ 119.7010, 0.1474,  
-0.6148

■ 95.4020, 0.2948,  
-1.2296

■ 71.4020, 0.2948,  
-1.2296

■ 49.4020, 0.2948,

-1.2296

■ 28.4020, 0.2948,  
-1.2296

■ 1.4020, 0.2948,  
-1.2296

■ 227.4020, 0.2948,  
-1.2296

■ 227.4020, 0.2948,  
-1.2296

■ 220.5250, 3.6852,  
-15.3694

■ 234.2790, -3.0955,  
12.9103

■ 213.6480, 7.0755,  
-29.5093

■ 236.0730, -3.9800,  
16.5990

■ 207.0700, 10.3185,  
-43.0344

■ 200.1930, 13.7089,  
-57.1743

■ 193.3160, 17.0992,  
-71.3141

■ 186.4390, 20.4896,  
-85.4540

■ 179.5620, 23.8799,  
-99.5939

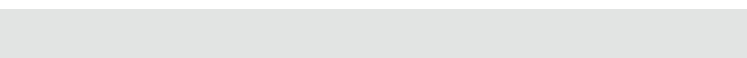
■ 172.9840, 27.1229,  
-113.1190

■ 166.1070, 30.5132,  
-127.2588

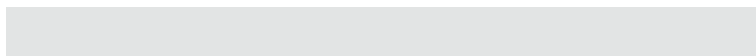
# Harmonies

## Analogous

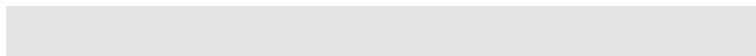
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2880, -0.1420, -1.1296



227.4020, 0.2948, -1.2296



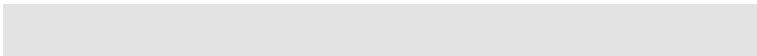
227.5160, 0.7316, -1.3295

# Triad

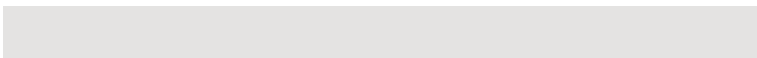
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.4020, 0.2948, -1.2296



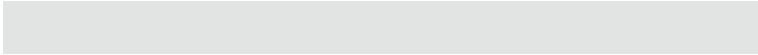
227.4130, 0.2894, 0.5148



227.1850, -0.5842, 0.7148

# Complementary

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



227.4020, 0.2948, -1.2296



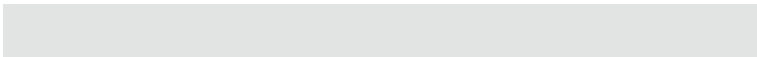
226.5980, -0.2948, 1.2296

# 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.



227.5980, -0.2948, 1.2296



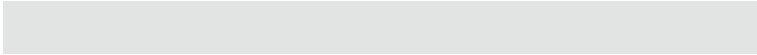
227.4020, 0.2948, -1.2296



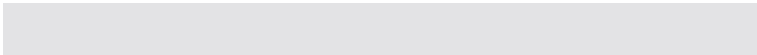
227.7120, 0.1420, 1.1296

# Square

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



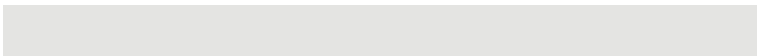
227.4020, 0.2948, -1.2296



227.2280, 0.8736, -0.2000



227.5980, -0.2948, 1.2296

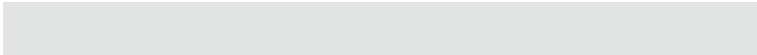


227.7720, -0.8736, 0.2000

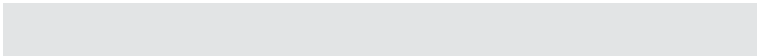


# Rectangle

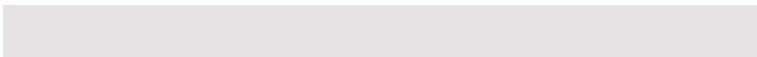
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4020, 0.2948, -1.2296



227.5160, 0.7316, -1.3295



227.5980, -0.2948, 1.2296



227.4840, -0.7316, 1.3295

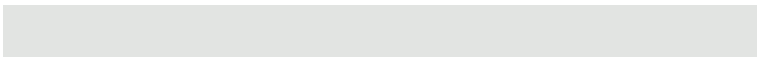
# Sweetspot

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



227.4020, 0.2948, -1.2296

255.0000, 0.0000, 0.0000



227.1740, -0.5788, -1.0296



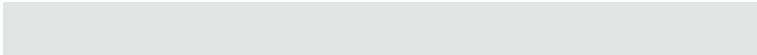
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

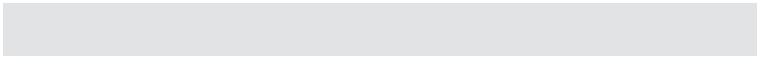
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.4020, 0.2948, -1.2296



254.1030, 0.4422, -1.8443



226.8150, 0.5842, -0.7148



114.7010, 0.1474, -0.6148



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536



# Inverse Universe

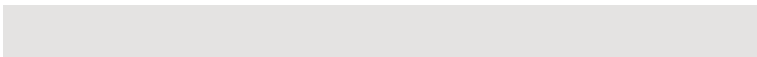
The Inverse Universe completely reimagines the original color for something new.



226.8260, 0.5788, 1.0296



253.2390, 0.8682, 1.5444



227.1850, -0.5842, 0.7148



114.4130, 0.2894, 0.5148



73.9270, 51.8010, 92.1490

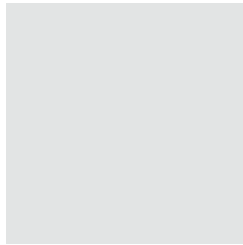


21.0630, 14.7589, 26.2547



# Previews

## White Background



This preview shows how the YUV color 227.4020, 0.2948, -1.2296 looks on a white background.

## Color Contrast Check

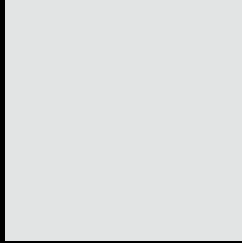
Large Text (above 18pt) WCAG AA × Fail

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 227.4020, 0.2948, -1.2296 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

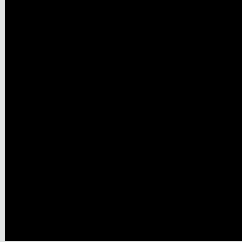
Any Text WCAG AAA ✓ Pass

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

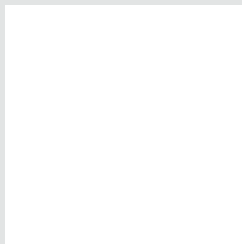


# YUV 227.4020, 0.2948, -1.2296

## Background



This preview shows how black text looks on a background with the YUV color 227.4020, 0.2948, -1.2296.



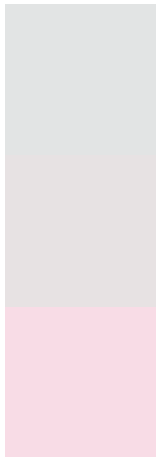
This preview shows how white text looks on a background with the YUV color 227.4020, 0.2948,

-1.2296.

# 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

227.4020, 0.2948, -1.2296

### Protanopia

227.6090, -0.3002, 2.9739

### Deuteranopia

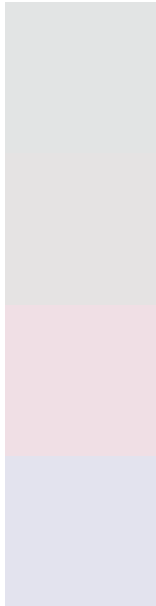
229.5120, 0.2406, 16.2140



## Tritanopia

228.5360, 7.1308, -0.4701

# Trichromacy



## Original Color

227.4020, 0.2948, -1.2296

## Protanomaly

227.5980, -0.2948, 1.2296

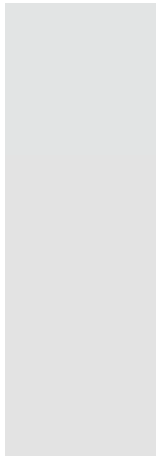
## Deuteranomaly

228.7670, 0.1149, 9.8513

## Tritanomaly

228.2540, 4.8048, -1.0998

# Monochromacy



## Original Color

227.4020, 0.2948, -1.2296

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

227.0000, 0.0000, 0.0000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.4020, 0.2948, -1.2296 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(226, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 228)  
}
```

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(226, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 228) }
```

## Border

The CSS property to change the border of an element to YUV 227.4020, 0.2948, -1.2296 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(226, 228, 228) }
```

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

```
.border{ border-color:rgb(226, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
228) }
```



# Background

The CSS property to change the background color of an element to YUV 227.4020, 0.2948, -1.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 228) }
```

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

```
.background{ background-color: rgb(226,  
228, 228) }
```

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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double the colors in the color bucket, and more  
awesome pro features!

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