

# Converting Colors

YUV(61.4570, 10.1277,  
-28.4648)

Have a look what the booklet for  
YUV(61.4570, 10.1277, -28.4648)  
contains.

<b>YUV(61.4570, 10.1277, -28.4648)</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(61.4570, 10.1277,  
-28.4648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D4A52
RGB	29, 74, 82
RGB Percent	11%, 29%, 32%
CMY	0.8863, 0.7098, 0.6784
CMYK	0.65, 0.10, 0.00, 0.68
HSL	189°, 48%, 22%
HSV	189°, 65%, 32%
XYZ	4.4785, 5.7680, 8.8599
YIQ	61.4570, -29.3880, -7.0520

# Conversions

## Conversions Part 2

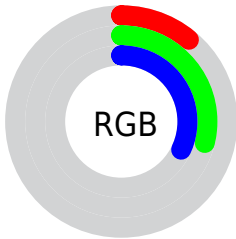
Format	Color
<b>RYB</b>	29, 53, 82
Decimal	1919570
CIELab	28.82, -12.59, -9.39
CIELCh	29, 15.711, 216.714
Yxy	5.7680, 0.2344, 0.3019
Android (android.graphics.Color)	4280109650 (0xFF1D4A52)
YUV	61.4570, 10.1277, -28.4648
Hunter-Lab	24.0166, -8.7435, -5.0610

# Details

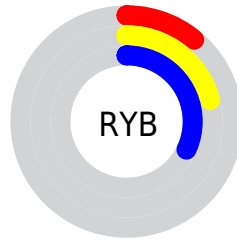
The YUV color **61.4570, 10.1277, -28.4648** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.5430, -10.1277, 28.4648**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7560, 9.9803, -27.8500**, and **21.8280, 7.4798, -19.1432** is the 20% darker color. If you saturate the color by 10%, you get **58.4780, 11.5963, -32.8682**, and if you desaturate by 10%, it is **64.4360, 8.6591, -24.0614**.

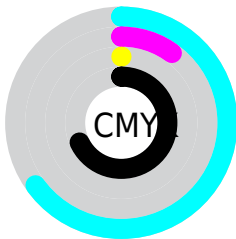
# Distribution



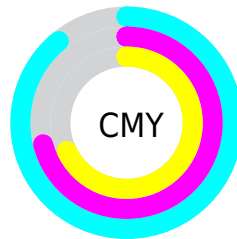
- Red (11%)
- Green (29%)
- Blue (32%)



- Red (11%)
- Yellow (21%)
- Blue (32%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (71%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.4570, 10.1277, -28.4648 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 61.4570, 10.1277, -28.4648 by changing the saturation by 10% instead.



61.4570, 10.1277,  
-28.4648

61.4570, 10.1277,  
-28.4648

255.0000, 0.0000,  
0.0000

36.6630, 11.0121,  
-32.1535

110.7560, 9.9803,  
-27.8500

21.8280, 7.4798,  
-19.1432

136.7560, 9.9803,  
-27.8500

2.5250, 7.1362,  
-2.2144

162.8700, 10.4171,  
-27.9500

0.0000, 0.0000,  
0.0000

190.5710, 10.5645,  
-28.5648

218.2720, 10.7119,  
-29.1795

242.7410, 6.0437,

-25.2059

251.1130, 1.9163,  
-7.9921

61.4570, 10.1277,  
-28.4648

61.4570, 10.1277,  
-28.4648

58.4780, 11.5963,  
-32.8682

64.4360, 8.6591,  
-24.0614

55.4990, 13.0650,  
-37.2716

67.4150, 7.1904,  
-19.6580

51.6340, 14.9704,  
-41.7750

71.2800, 5.2850,  
-15.1546

50.4380, 15.5601,  
-44.2341

74.2590, 3.8163,  
-10.7511

77.2380, 2.3477,  
-6.3477

■ 80.2170, 0.8790,  
-1.9443

■ 83.7830, -0.8790,  
1.9443

■ 87.0610, -2.4951,  
6.9625

■ 90.0400, -3.9637,  
11.3659

# Harmonies

## Analogous

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



62.1710, 3.8597, -24.7060



61.4570, 10.1277, -28.4648



64.1850, 12.7268, -22.0872

# Triad

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



61.4570, 10.1277, -28.4648



69.8260, 4.0298, 14.1846



67.0580, -11.3676, 6.0881

# Complementary

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



61.4570, 10.1277, -28.4648



49.5430, -10.1277, 28.4648

# 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.



68.2270, -10.9579, 14.7099



61.4570, 10.1277, -28.4648



69.6650, -1.8068, 19.5878

# Square

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



61.4570, 10.1277, -28.4648



69.3130, 8.7197, 3.2335



68.5850, -7.1904, 19.6580



65.9750, -8.8617, -4.3631



# Rectangle

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



61.4570, 10.1277, -28.4648



65.9410, 12.8471, -13.9803



68.5850, -7.1904, 19.6580



67.6670, -11.6678, 9.0620

# Sweetspot

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



61.4570, 10.1277, -28.4648



99.2590, 3.8163, -10.7511



61.0230, -11.8433, -28.0842



48.9390, 2.4951, -6.9625



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



61.4570, 10.1277, -28.4648



74.5520, 15.9969, -44.3341



46.1950, 17.6519, -15.0800



39.2170, 0.8790, -1.9443



64.2130, 20.1080, -56.3148



142.0870, 44.3271, -124.6103



# Inverse Universe

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



49.9770, 11.8433, 28.0842



56.7970, 18.3411, 44.0280



64.8050, -17.6519, 15.0800



38.5380, 0.7208, 2.1592



41.5410, 23.3973, 55.6535

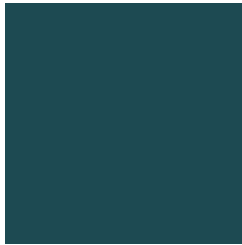


91.8260, 51.8508, 122.9326



# Previews

## White Background



This preview shows how the YUV color 61.4570, 10.1277, -28.4648 looks on a white 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



# Black Background



This preview shows how the YUV color 61.4570, 10.1277, -28.4648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

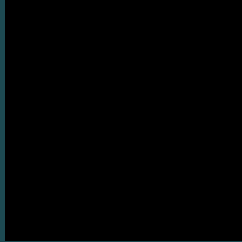
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

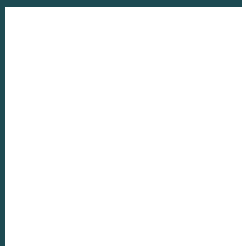
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 61.4570, 10.1277, -28.4648

## Background



This preview shows how black text looks on a background with the YUV color 61.4570, 10.1277, -28.4648.



This preview shows how white text looks on a background with the YUV color 61.4570, 10.1277, -28.4648.

-28.4648.

# 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

61.4570, 10.1277, -28.4648

### Protanopia

67.8410, 4.5154, -1.6146

### Deuteranopia

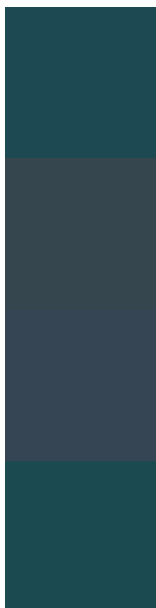
68.0520, 7.8624, -1.7996



## Tritanopia

60.9300, 9.4015, -28.8796

# Trichromacy



## Original Color

61.4570, 10.1277, -28.4648

## Protanomaly

65.9430, 6.4371, -11.3510

## Deuteranomaly

65.8120, 8.4737, -11.2361

## Tritanomaly

61.0440, 9.8383, -28.9796

# Monochromacy



## Original Color

61.4570, 10.1277, -28.4648

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.2590, 3.8163, -10.7511

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.4570, 10.1277, -28.4648 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(29, 74, 82)` looks like.

```
.text, #text, p{  
    color:rgb(29, 74, 82)  
}
```

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(29, 74, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 74, 82) }
```

## Border

The CSS property to change the border of an element to YUV 61.4570, 10.1277, -28.4648 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(29, 74, 82) }
```



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

```
.border{ border-color:rgb(29, 74, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 74, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 74, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 74, 82);  
box-shadow:4px 4px 4px 4px rgb(29, 74, 82)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.4570, 10.1277, -28.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 74, 82) }
```

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

```
.background{ background-color: rgb(29, 74,  
82) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor