

# Converting Colors

YUV(61.8000, 9.9586, -20.8726)

Have a look what the booklet for  
YUV(61.8000, 9.9586, -20.8726)  
contains.

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# Color

**YUV(61.8000, 9.9586,  
-20.8726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	264652
RGB	38, 70, 82
RGB Percent	15%, 27%, 32%
CMY	0.8510, 0.7255, 0.6784
CMYK	0.54, 0.15, 0.00, 0.68
HSL	196°, 37%, 24%
HSV	196°, 54%, 32%
XYZ	4.5125, 5.4016, 8.7874
YIQ	61.8000, -22.9240, -3.0520

# Conversions

## Conversions Part 2

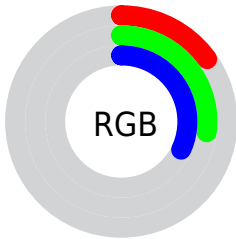
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 57, 82
Decimal	2508370
CIE Lab	27.85, -7.96, -10.83
CIE LCh	28, 13.437, 233.685
Yxy	5.4016, 0.2413, 0.2888
Android (android.graphics.Color)	4280698450 (0xFF264652)
YUV	61.8000, 9.9586, -20.8726
Hunter-Lab	23.2413, -6.0151, -6.1483

# Details

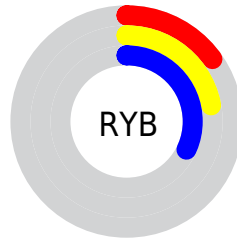
The YUV color **61.8000, 9.9586, -20.8726** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **58.2000, -9.9586, 20.8726**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9140, 10.3954, -20.9726**, and **20.0670, 8.3480, -17.5988** is the 20% darker color. If you saturate the color by 10%, you get **58.2340, 11.7166, -24.7612**, and if you desaturate by 10%, it is **65.3660, 8.2006, -16.9840**.

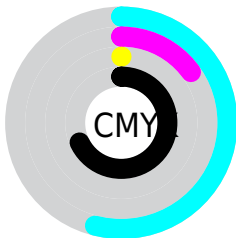
# Distribution



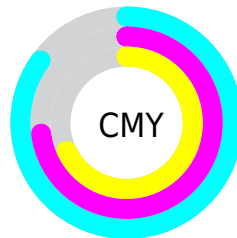
- Red (15%)
- Green (27%)
- Blue (32%)



- Red (15%)
- Yellow (22%)
- Blue (32%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (73%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.8000, 9.9586, -20.8726 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 61.8000, 9.9586, -20.8726 by changing the saturation by 10% instead.



61.8000, 9.9586,  
-20.8726

61.8000, 9.9586,  
-20.8726

255.0000, 0.0000,  
0.0000

38.7890, 9.9640,  
-22.6170

109.9140, 10.3954,  
-20.9726

20.0670, 8.3480,  
-17.5988

135.9140, 10.3954,  
-20.9726

2.4110, 6.6994,  
-2.1144

162.0280, 10.8322,  
-21.0726

0.0000, 0.0000,  
0.0000

189.4300, 11.1270,  
-22.3021

217.4300, 11.1270,  
-22.3021

243.9480, 5.4486,

-21.0024

253.2060, 0.8844,  
-3.6887

61.8000, 9.9586,  
-20.8726

61.8000, 9.9586,  
-20.8726

58.2340, 11.7166,  
-24.7612

65.3660, 8.2006,  
-16.9840

54.6680, 13.4747,  
-28.6498

68.9320, 6.4425,  
-13.0954

50.2160, 15.6695,  
-32.6384

73.3840, 4.2477,  
-9.1068

46.6500, 17.4276,  
-36.5270

76.9500, 2.4896,  
-5.2182

44.5680, 18.4540,  
-39.0861

80.5160, 0.7316,  
-1.3295

■ 84.0820, -1.0264,  
2.5591

■ 88.2350, -3.0739,  
5.9329

■ 92.1000, -4.9793,  
10.4363

■ 95.6660, -6.7373,  
14.3249

# Harmonies

## Analogous

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



60.5780, 6.6170, -22.4319



61.8000, 9.9586, -20.8726



64.0830, 10.8051, -12.3508

# Triad

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



61.8000, 9.9586, -20.8726



67.2130, 0.3880, 15.5992



64.7090, -8.7305, 0.2552

# Complementary

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



61.8000, 9.9586, -20.8726



58.2000, -9.9586, 20.8726

# 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.



65.1230, -9.9206, 8.6621



61.8000, 9.9586, -20.8726



67.2580, -4.5642, 17.3137

# Square

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



61.8000, 9.9586, -20.8726



67.1350, 5.3564, 8.6516



66.3240, -8.0477, 14.6249



62.9790, -4.9196, -8.7516



# Rectangle

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



61.8000, 9.9586, -20.8726



65.8990, 9.9098, -5.1734



66.3240, -8.0477, 14.6249



64.9050, -9.3202, 2.7143

# Sweetspot

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



61.8000, 9.9586, -20.8726



98.9820, 3.9529, -7.8772



65.1960, -7.4916, -23.8509



48.9500, 2.4897, -5.2181



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.



61.8000, 9.9586, -20.8726



75.5150, 15.5221, -32.0237



48.8860, 16.3252, -9.5470



39.2170, 0.8790, -1.9443



56.5820, 23.8701, -49.6224



125.6510, 52.4301, -110.1959



# Inverse Universe

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



54.8040, 7.4916, 23.8509



64.9180, 11.3794, 36.9059



71.1140, -16.3252, 9.5470



38.5380, 0.7208, 2.1592



40.0590, 17.7189, 56.9533

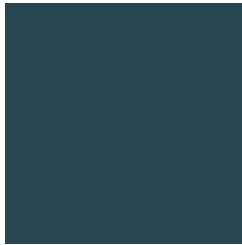


88.6340, 39.6204, 125.7320



# Previews

## White Background



This preview shows how the YUV color 61.8000, 9.9586, -20.8726 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 61.8000, 9.9586, -20.8726 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

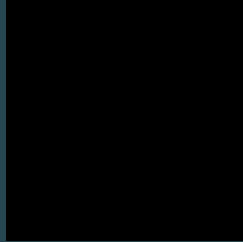
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.8000, 9.9586, -20.8726

## Background



This preview shows how black text looks on a background with the YUV color 61.8000, 9.9586, -20.8726.



This preview shows how white text looks on a background with the YUV color 61.8000, 9.9586, -20.8726.

-20.8726.

# 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

61.8000, 9.9586, -20.8726

### Protanopia

65.9980, 6.4100, -2.6292

### Deuteranopia

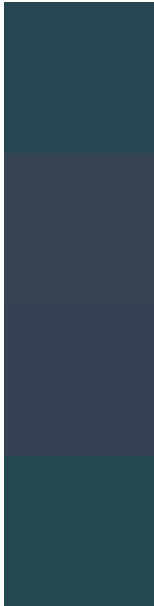
65.8670, 8.4466, -2.5144



## Tritanopia

61.2190, 7.7800, -22.1171

# Trichromacy



## Original Color

61.8000, 9.9586, -20.8726

## Protanomaly

64.5950, 7.5947, -9.2918

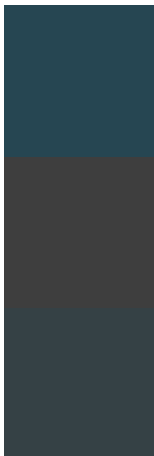
## Deuteranomaly

64.3500, 9.1945, -9.0769

## Tritanomaly

61.7460, 8.5062, -21.7022

# Monochromacy



## Original Color

61.8000, 9.9586, -20.8726

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

61.8680, 3.5161, -7.7772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.8000, 9.9586, -20.8726 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(38, 70, 82)` looks like.

```
.text, #text, p{  
    color:rgb(38, 70, 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(38, 70, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 70, 82) }
```

## Border

The CSS property to change the border of an element to YUV 61.8000, 9.9586, -20.8726 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(38, 70, 82) }
```



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

```
.border{ border-color:rgb(38, 70, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 70, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 70, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 70, 82);  
box-shadow:4px 4px 4px 4px rgb(38, 70, 82)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.8000, 9.9586, -20.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 70, 82) }
```

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

```
.background{ background-color: rgb(38, 70,  
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](#).

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