

# Converting Colors

YUV(61.2720, -6.0501, -19.5325)

Have a look what the booklet for  
YUV(61.2720, -6.0501, -19.5325)  
contains.

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# Color

**YUV(61.2720, -6.0501,  
-19.5325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	274B31
RGB	39, 75, 49
RGB Percent	15%, 29%, 19%
CMY	0.8471, 0.7059, 0.8078
CMYK	0.48, 0.00, 0.35, 0.71
HSL	137°, 32%, 22%
HSV	137°, 48%, 29%
XYZ	3.9072, 5.6852, 3.7972
YIQ	61.2720, -13.1100, -15.7180

# Conversions

## Conversions Part 2

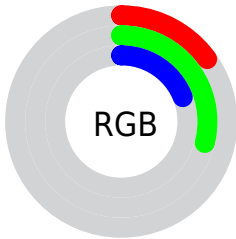
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 67, 75
Decimal	2575153
CIELab	28.60, -19.70, 11.56
CIELCh	29, 22.839, 149.590
Yxy	5.6852, 0.2918, 0.4246
Android (android.graphics.Color)	4280765233 (0xFF274B31)
YUV	61.2720, -6.0501, -19.5325
Hunter-Lab	23.8437, -12.4766, 7.2486

# Details

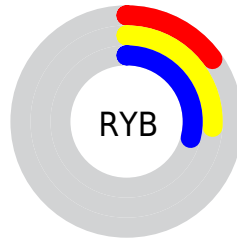
The YUV color **61.2720, -6.0501, -19.5325** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52.7280, 6.0501, 19.5325**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3320, -7.0657, -20.4622**, and **18.4250, -8.0975, -16.1587** is the 20% darker color. If you saturate the color by 10%, you get **58.6090, -7.2022, -23.3361**, and if you desaturate by 10%, it is **64.2340, -5.0454, -15.1142**.

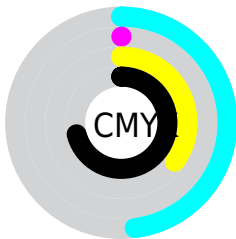
# Distribution



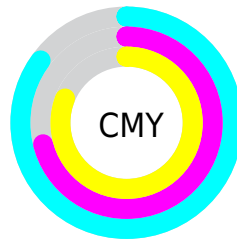
- Red (15%)
- Green (29%)
- Blue (19%)



- Red (15%)
- Yellow (26%)
- Blue (29%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.2720, -6.0501, -19.5325 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 61.2720, -6.0501, -19.5325 by changing the saturation by 10% instead.



■ 61.2720, -6.0501,  
-19.5325

■ 61.2720, -6.0501,  
-19.5325

255.0000, 0.0000,  
0.0000

■ 38.5000, -5.1765,  
-19.7325

■ 109.3320, -7.0657,  
-20.4622

■ 18.4250, -8.0975,  
-16.1587

■ 134.9190, -7.3551,  
-20.9770

■ 0.0000, 0.0000,  
0.0000

■ 161.5060, -7.6445,  
-21.4918

■ 188.3920, -8.0813,  
-21.3918

■ 216.6800, -8.2232,  
-22.5214

■ 241.1580, -6.4869,

-19.4326

252.9070, 1.0318,  
-4.3034

61.2720, -6.0501,  
-19.5325

61.2720, -6.0501,  
-19.5325

58.6090, -7.2022,  
-23.3361

64.2340, -5.0454,  
-15.1142

55.5330, -8.6438,  
-27.6544

67.0110, -3.4564,  
-11.4106

52.5710, -9.6485,  
-32.0728

69.9730, -2.4517,  
-6.9923

49.7940, -11.2374,  
-35.7763

72.7500, -0.8628,  
-3.2887

47.1310, -12.3896,  
-39.5799

75.7120, 0.1420,  
1.1296

■ 46.4190, -12.5316,  
-40.7095

■ 78.4890, 1.7309,  
4.8331

■ 81.4510, 2.7357,  
9.2515

■ 84.1140, 3.8878,  
13.0550

■ 87.1900, 5.3293,  
17.3734

# Harmonies

## Analogous

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



64.6070, -14.1033, -3.1633



61.2720, -6.0501, -19.5325



54.6310, 6.0979, -42.6494

# Triad

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



61.2720, -6.0501, -19.5325



63.7920, 18.8365, -21.7426



67.9990, -8.3805, 28.0649

# Complementary

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



61.2720, -6.0501, -19.5325



52.7280, 6.0501, 19.5325

# 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.



68.7630, -0.3762, 27.3948



61.2720, -6.0501, -19.5325



68.7840, 14.4035, 0.1894

# Square

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



61.2720, -6.0501, -19.5325



54.4960, 20.9545, -47.7930



69.8740, 7.9501, 16.7735



67.2450, -14.9108, 22.5871



# Rectangle

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



61.2720, -6.0501, -19.5325



54.2050, 12.2239, -47.5378



69.8740, 7.9501, 16.7735



68.3950, -5.6177, 28.5946

# Sweetspot

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



61.2720, -6.0501, -19.5325



91.6740, -2.3043, -7.6071



67.9060, -14.2507, -2.5486



45.0380, -1.0047, -4.4183



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



61.2720, -6.0501, -19.5325



75.5820, -9.6539, -30.3284



63.3240, 1.8123, -21.3321



36.4620, -0.7208, -2.1592



63.0660, -17.2875, -55.3089



142.3060, -38.6049, -124.8024



# Inverse Universe

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



52.7280, 6.0501, 19.5325



62.3040, 9.2171, 30.4284



50.6760, -1.8123, 21.3321



35.5380, 0.7208, 2.1592



38.9340, 17.2875, 55.3089

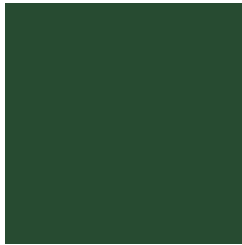


87.6940, 38.6049, 124.8024



# Previews

## White Background



This preview shows how the YUV color 61.2720, -6.0501, -19.5325 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

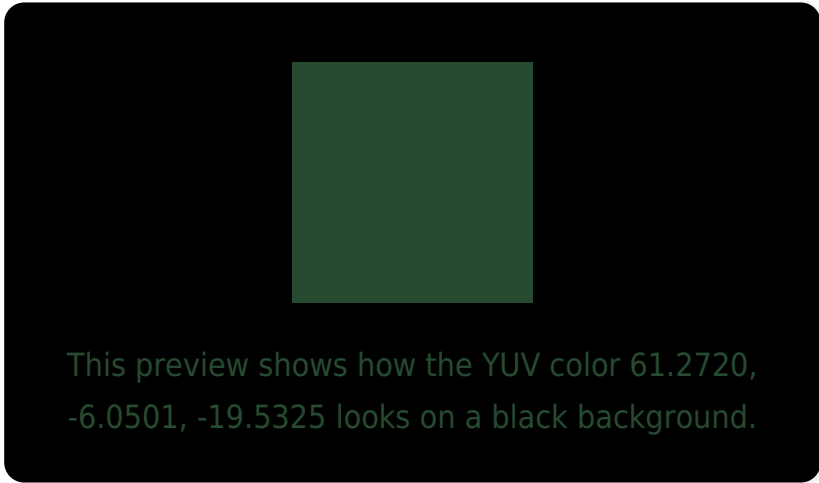
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

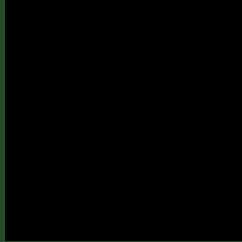
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.2720, -6.0501, -19.5325

## Background



This preview shows how black text looks on a background with the YUV color 61.2720, -6.0501, -19.5325.



This preview shows how white text looks on a background with the YUV color 61.2720, -6.0501, -19.5325.

-19.5325.

# 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

61.2720, -6.0501, -19.5325

### Protanopia

66.4000, -10.0572, 5.7882

### Deuteranopia

67.5900, -8.1789, 10.0066



## Tritanopia

64.7960, 6.0166, -16.4841

# Trichromacy



## Original Color

61.2720, -6.0501, -19.5325

## Protanomaly

64.6870, -8.7197, -3.2335

## Deuteranomaly

65.3390, -7.5621, -1.1743

## Tritanomaly

63.3460, 1.8014, -17.8434

# Monochromacy



## Original Color

61.2720, -6.0501, -19.5325

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.0870, -2.0149, -7.0923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.2720, -6.0501, -19.5325 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(39, 75, 49)` looks like.

```
.text, #text, p{  
    color:rgb(39, 75, 49)  
}
```

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(39, 75, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 75, 49) }
```

## Border

The CSS property to change the border of an element to YUV 61.2720, -6.0501, -19.5325 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(39, 75, 49) }
```



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

```
.border{ border-color:rgb(39, 75, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 75, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 75, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 75, 49);  
box-shadow:4px 4px 4px 4px rgb(39, 75, 49)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.2720, -6.0501, -19.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 75, 49) }
```

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

```
.background{ background-color: rgb(39, 75,  
49) }
```

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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