

# Converting Colors

YUV(61.3980, -10.5492,  
-23.1510)

Have a look what the booklet for  
YUV(61.3980, -10.5492, -23.1510)  
contains.

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# Color

**YUV(61.3980, -10.5492,  
-23.1510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	234F28
RGB	35, 79, 40
RGB Percent	14%, 31%, 16%
CMY	0.8627, 0.6902, 0.8431
CMYK	0.56, 0.00, 0.49, 0.69
HSL	127°, 39%, 22%
HSV	127°, 56%, 31%
XYZ	3.8721, 6.1025, 2.9813
YIQ	61.3980, -13.7050, -21.4570

# Conversions

## Conversions Part 2

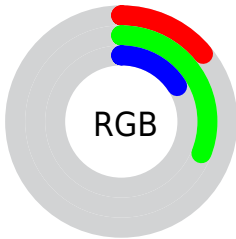
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 75, 79
Decimal	2314024
CIE <sub>Lab</sub>	29.67, -24.81, 18.46
CIE <sub>LCh</sub>	30, 30.922, 143.346
Yxy	6.1025, 0.2989, 0.4710
Android (android.graphics.Color)	4280504104 (0xFF234F28)
YUV	61.3980, -10.5492, -23.1510
Hunter-Lab	24.7032, -15.2515, 10.1369

# Details

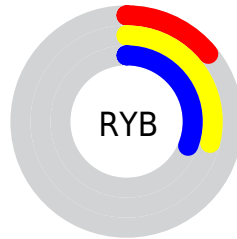
The YUV color **61.3980, -10.5492, -23.1510** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52.6020, 10.5492, 23.1510**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6430, -12.1490, -23.3659**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **58.2080, -12.4275, -27.3694**, and if you desaturate by 10%, it is **64.5880, -8.6709, -18.9327**.

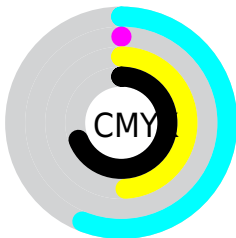
# Distribution



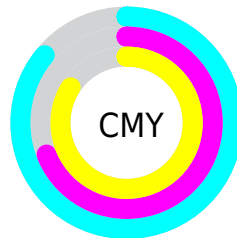
- Red (14%)
- Green (31%)
- Blue (16%)



- Red (14%)
- Yellow (29%)
- Blue (31%)



- Cyan (56%)
- Magenta (0%)
- Yellow (49%)
- Black (69%)



- Cyan (86%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.3980, -10.5492, -23.1510 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 61.3980, -10.5492, -23.1510 by changing the saturation by 10% instead.



■ 61.3980, -10.5492,  
-23.1510

■ 61.3980, -10.5492,  
-23.1510

255.0000, 0.0000,  
0.0000

■ 37.7290, -9.2334,  
-25.1953

■ 110.6430,  
-12.1490, -23.3659

■ 19.9580, -9.8393,  
-17.5032

■ 136.1160,  
-12.8752, -23.7807

■ 0.0000, 0.0000,  
0.0000

■ 162.7030,  
-13.1646, -24.2955

■ 189.8770,  
-13.7434, -25.3251

■ 217.7630,  
-14.1802, -25.2252

■ 239.3060,

-10.9969, -19.5624

251.2830, -2.6045,  
-4.6332

61.3980, -10.5492,  
-23.1510

61.3980, -10.5492,  
-23.1510

58.2080, -12.4275,  
-27.3694

64.5880, -8.6709,  
-18.9327

55.0180, -14.3059,  
-31.5878

67.7780, -6.7926,  
-14.7143

51.8280, -16.1842,  
-35.8062

70.9680, -4.9142,  
-10.4959

48.6380, -18.0625,  
-40.0245

74.1580, -3.0359,  
-6.2776

47.3990, -18.9307,  
-41.5689

77.3480, -1.1576,  
-2.0592

■ 80.2390, 0.8682,  
1.5444

■ 83.4290, 2.7465,  
5.7628

■ 86.6190, 4.6248,  
9.9811

■ 89.8090, 6.5032,  
14.1995

# Harmonies

## Analogous

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



65.4950, -20.9500, -0.4341



61.3980, -10.5492, -23.1510



54.8430, 4.5144, -48.0973

# Triad

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



61.3980, -10.5492, -23.1510



56.7760, 29.6904, -49.7926



69.3640, -8.5605, 39.1458

# Complementary

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



61.3980, -10.5492, -23.1510



52.6020, 10.5492, 23.1510

# 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.



70.6160, 2.6543, 35.4168



61.3980, -10.5492, -23.1510



70.2760, 21.5559, -7.2581

# Square

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



61.3980, -10.5492, -23.1510



58.6850, 24.3123, -51.4667



72.2640, 13.1808, 19.0625



69.0890, -18.2849, 31.4939



# Rectangle

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



61.3980, -10.5492, -23.1510



57.2540, 11.2138, -50.2118



72.2640, 13.1808, 19.0625



69.6890, -4.7767, 38.8607

# Sweetspot

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



61.3980, -10.5492, -23.1510



95.2070, -4.0461, -8.9515



72.7880, -18.6295, 1.9399



46.9840, -2.4571, -5.2480



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



61.3980, -10.5492, -23.1510



74.7140, -16.6210, -35.7062



63.7920, -1.3765, -25.2506



36.4620, -0.7208, -2.1592



61.2420, -24.2763, -53.7092



137.9740, -55.2032, -121.0032



# Inverse Universe

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



52.6020, 10.5492, 23.1510



61.1720, 16.1842, 35.8062



50.2080, 1.3765, 25.2506



35.6520, 1.1576, 2.0592



40.7580, 24.2763, 53.7092

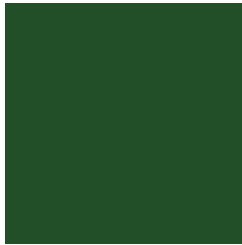


91.9120, 54.7664, 121.1032



# Previews

## White Background



This preview shows how the YUV color 61.3980, -10.5492, -23.1510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

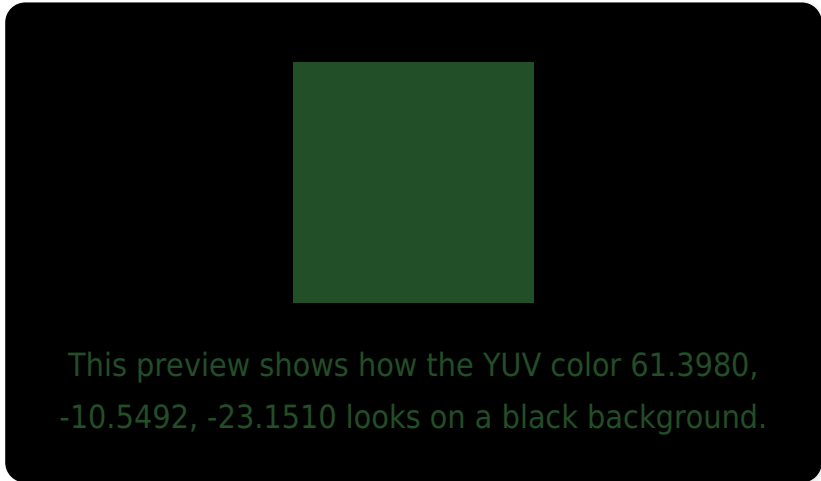
Any Text WCAG AA ✓ Pass

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

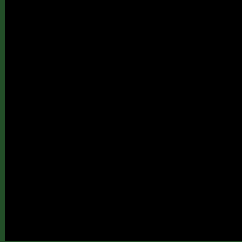
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.3980, -10.5492, -23.1510

## Background



This preview shows how black text looks on a background with the YUV color 61.3980, -10.5492, -23.1510.



This preview shows how white text looks on a background with the YUV color 61.3980, -10.5492, -23.1510.

-23.1510.

# 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

61.3980, -10.5492, -23.1510

### Protanopia

68.3310, -15.4462, 7.6027

### Deuteranopia

69.3470, -12.9891, 12.8507



## Tritanopia

66.7140, 7.0430, -19.0432

# Trichromacy



## Original Color

61.3980, -10.5492, -23.1510

## Protanomaly

65.7210, -13.6665, -3.2633

## Deuteranomaly

66.1990, -11.9301, -0.1745

## Tritanomaly

64.3950, 0.7913, -20.5174

# Monochromacy



## Original Color

61.3980, -10.5492, -23.1510

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.5060, -4.1935, -8.3368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.3980, -10.5492, -23.1510 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(35, 79, 40)` looks like.

```
.text, #text, p{  
    color:rgb(35, 79, 40)  
}
```

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(35, 79, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 79, 40) }
```

## Border

The CSS property to change the border of an element to YUV 61.3980, -10.5492, -23.1510 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(35, 79, 40) }
```



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

```
.border{ border-color:rgb(35, 79, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 79, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 79, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 79, 40);  
box-shadow:4px 4px 4px 4px rgb(35, 79, 40)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.3980, -10.5492, -23.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 79, 40) }
```

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

```
.background{ background-color: rgb(35, 79,  
40) }
```

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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