

Converting Colors

YUV(61.0340, 11.8152, -9.6768)

Have a look what the booklet for
YUV(61.0340, 11.8152, -9.6768)
contains.

YUV(61.0340, 11.8152, -9.6768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.0340, 11.8152,
-9.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	323E55
RGB	50, 62, 85
RGB Percent	20%, 24%, 33%
CMY	0.8039, 0.7569, 0.6667
CMYK	0.41, 0.27, 0.00, 0.67
HSL	219°, 26%, 26%
HSV	219°, 41%, 33%
XYZ	4.6777, 4.7792, 9.2703
YIQ	61.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

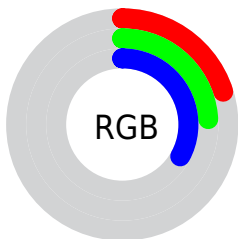
Format	Color
R_{YB}	50, 59, 85
Decimal	3292757
CIE Lab	26.10, 1.78, -15.40
CIE LCh	26, 15.508, 276.600
Yxy	4.7792, 0.2498, 0.2552
Android (android.graphics.Color)	4281482837 (0xFF323E55)
YUV	61.0340, 11.8152, -9.6768
Hunter-Lab	21.8615, -0.0638, -9.8387

Details

The YUV color **61.0340, 11.8152, -9.6768** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.9660, -11.8152, 9.6768**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6750, 12.9782, -9.3620**, and **17.7950, 10.9471, -11.2212** is the 20% darker color. If you saturate the color by 10%, you get **54.8210, 14.8782, -12.1210**, and if you desaturate by 10%, it is **66.9480, 8.8996, -7.8474**.

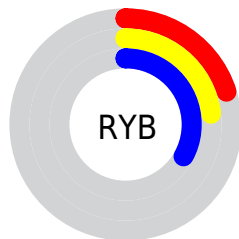
Distribution



Red (20%)

Green (24%)

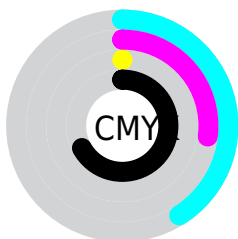
Blue (33%)



Red (20%)

Yellow (23%)

Blue (33%)

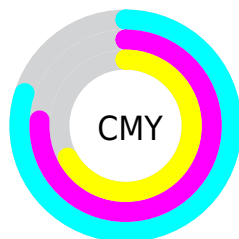


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (67%)



Cyan (80%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0340, 11.8152, -9.6768 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 61.0340, 11.8152, -9.6768 by changing the saturation by 10% instead.

■ 61.0340, 11.8152,
-9.6768

■ 61.0340, 11.8152,
-9.6768

■ 255.0000, 0.0000,
0.0000

■ 38.6210, 11.5258,
-10.1916

■ 108.6750, 12.9782,
-9.3620

■ 17.7950, 10.9471,
-11.2212

■ 134.3760, 13.1256,
-9.9768

■ 2.7530, 8.0098,
-2.4144

■ 160.4900, 13.5624,
-10.0767

■ 0.0000, 0.0000,
0.0000

■ 187.6040, 13.9992,
-10.1767

■ 215.0170, 14.2886,
-9.6619

■ 241.6660, 6.5737,

-8.4771

■ 61.0340, 11.8152,
-9.6768

■ 61.0340, 11.8152,
-9.6768

■ 54.8210, 14.8782,
-12.1210

■ 66.9480, 8.8996,
-7.8474

■ 49.4940, 17.5045,
-14.4652

■ 72.5740, 6.1260,
-4.8884

■ 43.5800, 20.4201,
-16.2947

■ 78.4880, 3.2104,
-3.0590

■ 37.9540, 23.1937,
-19.2537

■ 84.1140, 0.4368,
-0.1000

■ 32.0400, 26.1093,
-21.0831

■ 90.3270, -2.6262,
2.3442

■ 26.7130, 28.7355,
-23.4273

■ 96.2410, -5.5418,
4.1736

■ 101.5680, -8.1680,
6.5179

■ 107.7810,
-11.2310, 8.9621

■ 113.1080,
-13.8572, 11.3063

Harmonies

Analogous

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



57.4840, 12.5794, -21.4725



61.0340, 11.8152, -9.6768



63.3130, 8.7197, 3.2335

Triad

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



61.0340, 11.8152, -9.6768



62.2860, -7.0430, 19.0432



57.5160, -2.7194, -14.4845

Complementary

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



61.0340, 11.8152, -9.6768



73.9660, -11.8152, 9.6768

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.



59.5020, -8.1355, -3.9483



61.0340, 11.8152, -9.6768



61.9280, -10.8105, 14.0951

Square

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



61.0340, 11.8152, -9.6768



63.3660, -1.6594, 18.9730



60.7590, -11.2202, 5.4734



55.5840, 4.1491, -24.1912

Rectangle

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



61.0340, 11.8152, -9.6768



63.5590, 5.6404, 10.9108



60.7590, -11.2202, 5.4734



58.2560, -5.0562, -11.6255

Sweetspot

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



61.0340, 11.8152, -9.6768



100.5310, 4.6682, -3.9737



73.1670, -0.0823, -20.3175



50.6730, 2.6262, -2.3442



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



61.0340, 11.8152, -9.6768



72.7220, 18.3781, -14.6652



55.4850, 14.5509, -0.4253



40.6300, 1.1684, -1.4295



33.9170, 36.0299, -29.7452



73.7500, 79.4963, -64.6787

Inverse Universe

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



61.8330, 0.0823, 20.3175



74.1980, -0.0976, 31.3984



79.5150, -14.5509, 0.4253



40.4240, 0.2840, 2.2592



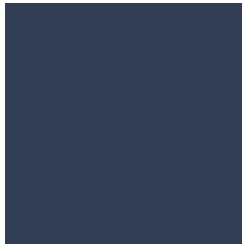
36.2110, 0.3890, 62.0820



79.3850, 0.3032, 136.4744

Previews

White Background



This preview shows how the YUV color 61.0340, 11.8152, -9.6768 looks on a white background.

Color Contrast Check

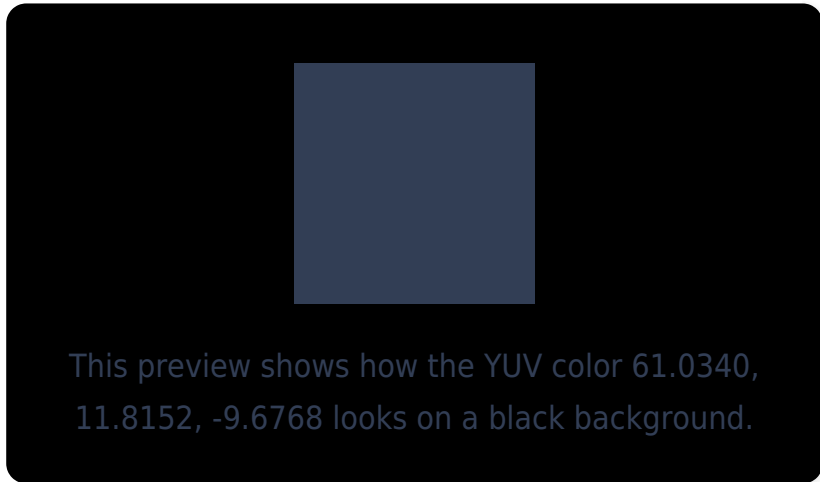
Large Text (above 18pt) WCAG AA ✓ Pass

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

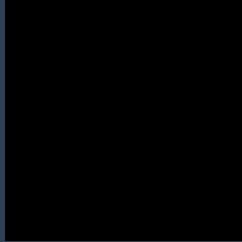
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

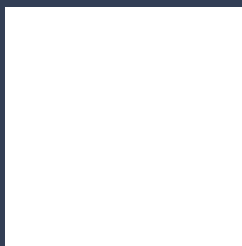
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.0340, 11.8152, -9.6768

Background



This preview shows how black text looks on a background with the YUV color 61.0340, 11.8152, -9.6768.



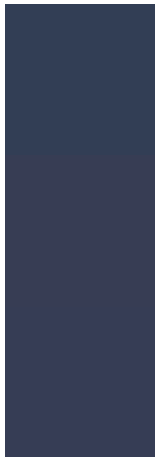
This preview shows how white text looks on a background with the YUV color 61.0340, 11.8152,

-9.6768.

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

61.0340, 11.8152, -9.6768

Protanopia

61.8280, 10.9308, -5.9882

Deuteranopia

61.6430, 11.5150, -6.7029



Tritanopia

59.8890, 4.9847, -12.1807

Trichromacy



Original Color

61.0340, 11.8152, -9.6768

Protanomaly

61.2300, 11.2256, -7.2177

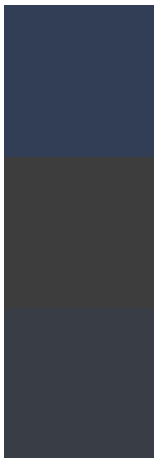
Deuteranomaly

61.3440, 11.6624, -7.3177

Tritanomaly

60.1710, 7.3107, -11.5510

Monochromacy



Original Color

61.0340, 11.8152, -9.6768

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0340, 11.8152, -9.6768 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(50, 62, 85)` looks like.

```
.text, #text, p{  
    color:rgb(50, 62, 85)  
}
```

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(50, 62, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 62, 85) }
```

Border

The CSS property to change the border of an element to YUV 61.0340, 11.8152, -9.6768 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(50, 62, 85) }
```


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

```
.border{ border-color:rgb(50, 62, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 62, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 62, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 62, 85);  
box-shadow:4px 4px 4px 4px rgb(50, 62, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0340, 11.8152, -9.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 62, 85) }
```

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

```
.background{ background-color: rgb(50, 62,  
85) }
```

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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