

Converting Colors

YUV(61.3170, -14.4533,
-30.9730)

Have a look what the booklet for
YUV(61.3170, -14.4533, -30.9730)
contains.

YUV(61.3170, -14.4533, -30.9730)	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(61.3170, -14.4533,
-30.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	1A5520
RGB	26, 85, 32
RGB Percent	10%, 33%, 13%
CMY	0.8980, 0.6667, 0.8745
CMYK	0.69, 0.00, 0.62, 0.67
HSL	126°, 53%, 22%
HSV	126°, 69%, 33%
XYZ	3.9352, 6.8209, 2.4757
YIQ	61.3170, -18.1510, -28.9910

Conversions

Conversions Part 2

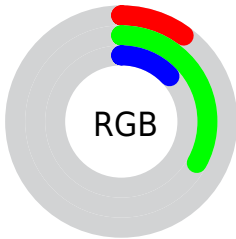
Format	Color
R_{YB}	26, 80, 85
Decimal	1725728
CIE _{Lab}	31.40, -31.32, 25.06
CIE _{LCh}	31, 40.108, 141.337
Yxy	6.8209, 0.2974, 0.5155
Android (android.graphics.Color)	4279915808 (0xFF1A5520)
YUV	61.3170, -14.4533, -30.9730
Hunter-Lab	26.1168, -18.8086, 12.6616

Details

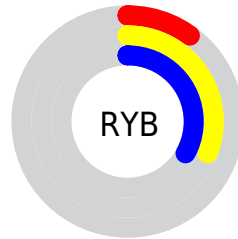
The YUV color **61.3170, -14.4533, -30.9730** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.6830, 14.4533, 30.9730**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4590, -16.4953, -29.3435**, and **22.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **58.0130, -16.7684, -35.0914**, and if you desaturate by 10%, it is **64.6210, -12.1382, -26.8546**.

Distribution



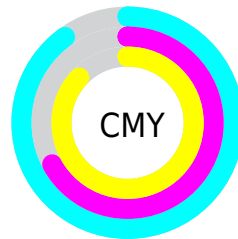
- Red (10%)
- Green (33%)
- Blue (13%)



- Red (10%)
- Yellow (31%)
- Blue (33%)



- Cyan (69%)
- Magenta (0%)
- Yellow (62%)
- Black (67%)



- Cyan (90%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3170, -14.4533, -30.9730 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 61.3170, -14.4533, -30.9730 by changing the saturation by 10% instead.

■ 61.3170, -14.4533,
-30.9730

■ 61.3170, -14.4533,
-30.9730

255.0000, 0.0000,
0.0000

■ 36.8330, -13.7217,
-32.3025

■ 111.4590,
-16.4953, -29.3435

■ 22.8930, -11.2862,
-20.0772

■ 137.9320,
-17.2215, -29.7584

■ 5.8700, -2.8939,
-5.1480

■ 164.4050,
-17.9477, -30.1732

■ 0.0000, 0.0000,
0.0000

■ 191.8780,
-18.6739, -30.5880

■ 220.3510,
-19.4000, -31.0028

■ 237.1980,

-13.9016, -21.2216

249.0610, -5.9461,
-6.1925

61.3170, -14.4533,
-30.9730

61.3170, -14.4533,
-30.9730

58.0130, -16.7684,
-35.0914

64.6210, -12.1382,
-26.8546

54.5240, -18.4993,
-39.9245

68.1100, -10.4072,
-22.0215

51.2200, -20.8145,
-44.0429

71.4140, -8.0921,
-17.9031

50.9210, -20.6671,
-44.6577

75.0170, -5.9244,
-13.1699

78.2070, -4.0461,
-8.9515

■ 81.8100, -1.8783,
-4.2184

■ 85.0000, 0.0000,
0.0000

■ 88.6030, 2.1677,
4.7332

■ 91.9070, 4.4828,
8.8516

Harmonies

Analogous

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



67.2750, -30.7016, 0.6358



61.3170, -14.4533, -30.9730



58.8380, 2.0519, -51.6009

Triad

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



61.3170, -14.4533, -30.9730



62.4640, 36.2532, -54.7809



70.7400, -8.7458, 51.9710

Complementary

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



61.3170, -14.4533, -30.9730



49.6830, 14.4533, 30.9730

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.



73.0780, 5.3845, 46.4126



61.3170, -14.4533, -30.9730



72.4090, 29.8714, -14.3907

Square

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



61.3170, -14.4533, -30.9730



64.3900, 28.4017, -56.4700



76.0780, 18.6955, 23.6106



71.3030, -22.8274, 41.8303

Rectangle

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



61.3170, -14.4533, -30.9730



61.9330, 11.3720, -54.3152



76.0780, 18.6955, 23.6106



71.2930, -4.0884, 51.4860

Sweetspot

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



61.3170, -14.4533, -30.9730



100.7290, -5.7824, -12.0403



76.4800, -24.8866, 2.2100



50.4460, -3.1779, -7.4071



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.



61.3170, -14.4533, -30.9730



73.4430, -22.4034, -47.7465



64.6230, -1.7861, -33.8724



41.3480, -1.1576, -2.0592



64.0630, -26.1601, -56.1833



140.6810, -57.5237, -123.3772

Inverse Universe

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



49.6830, 14.4533, 30.9730



55.4430, 21.9666, 47.8465



46.3770, 1.7861, 33.8724



40.6520, 1.1576, 2.0592



42.9370, 26.1601, 56.1833



94.3190, 57.5237, 123.3772

Previews

White Background



This preview shows how the YUV color 61.3170, -14.4533, -30.9730 looks on a white background.

Color Contrast Check

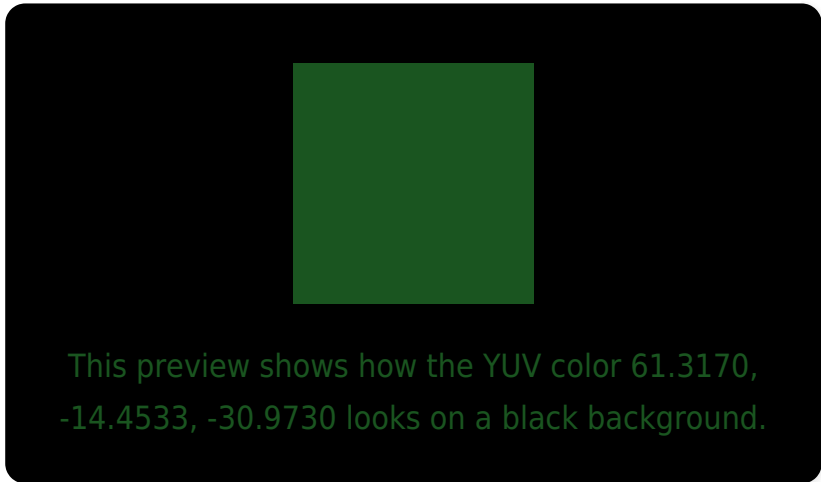
Large Text (above 18pt) WCAG AA ✓ Pass

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

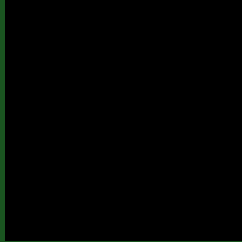
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3170, -14.4533, -30.9730

Background



This preview shows how black text looks on a background with the YUV color 61.3170, -14.4533, -30.9730.



This preview shows how white text looks on a background with the YUV color 61.3170, -14.4533,

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

61.3170, -14.4533, -30.9730

Protanopia

71.2620, -20.8352, 9.4172

Deuteranopia

72.4030, -17.9467, 16.3096



Tritanopia

69.3220, 8.2223, -23.9614

Trichromacy



Original Color

61.3170, -14.4533, -30.9730

Protanomaly

67.7440, -18.6078, -5.0375

Deuteranomaly

68.0480, -16.2927, -0.9191

Tritanomaly

66.4220, -0.2080, -26.6801

Monochromacy



Original Color

61.3170, -14.4533, -30.9730

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1420, -5.4930, -11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3170, -14.4533, -30.9730 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(26, 85, 32)` looks like.

```
.text, #text, p{  
    color:rgb(26, 85, 32)  
}
```

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(26, 85, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 85, 32) }
```

Border

The CSS property to change the border of an element to YUV 61.3170, -14.4533, -30.9730 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(26, 85, 32) }
```


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

```
.border{ border-color:rgb(26, 85, 32) }
```

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

Here you see how a box with a 4 pixel rgb(26, 85, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 85, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 85, 32);  
box-shadow:4px 4px 4px 4px rgb(26, 85, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.3170, -14.4533, -30.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 85, 32) }
```

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

```
.background{ background-color: rgb(26, 85,  
32) }
```

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