

Converting Colors

YUV(67.1920, -14.8847,
-32.6174)

Have a look what the booklet for
YUV(67.1920, -14.8847, -32.6174)
contains.

YUV(67.1920, -14.8847, -32.6174)	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(67.1920, -14.8847,
-32.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5C25
RGB	30, 92, 37
RGB Percent	12%, 36%, 15%
CMY	0.8824, 0.6392, 0.8549
CMYK	0.67, 0.00, 0.60, 0.64
HSL	127°, 51%, 24%
HSV	127°, 67%, 36%
XYZ	4.6965, 8.0639, 3.0592
YIQ	67.1920, -19.2970, -30.2490

Conversions

Conversions Part 2

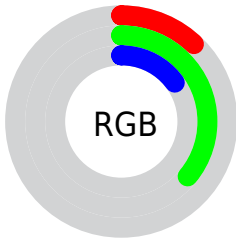
Format	Color
RYB	30, 86, 92
Decimal	1989669
CIELab	34.12, -32.54, 25.60
CIELCh	34, 41.405, 141.800
Yxy	8.0639, 0.2969, 0.5097
Android (android.graphics.Color)	4280179749 (0xFF1E5C25)
YUV	67.1920, -14.8847, -32.6174
Hunter-Lab	28.3970, -20.1731, 13.4905

Details

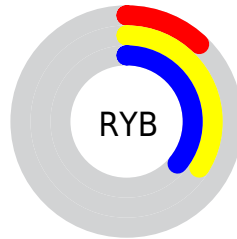
The YUV color **67.1920, -14.8847, -32.6174** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.8080, 14.8847, 32.6174**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0350, -16.7793, -31.6027**, and **26.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **63.5890, -17.0524, -37.3506**, and if you desaturate by 10%, it is **70.7950, -12.7169, -27.8842**.

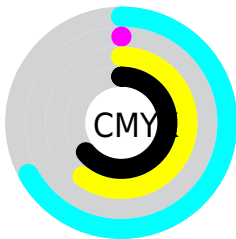
Distribution



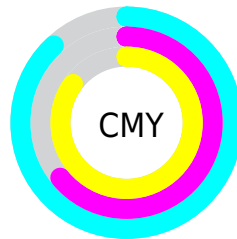
- Red (12%)
- Green (36%)
- Blue (15%)



- Red (12%)
- Yellow (34%)
- Blue (36%)



- Cyan (67%)
- Magenta (0%)
- Yellow (60%)
- Black (64%)



- Cyan (88%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1920, -14.8847, -32.6174 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 67.1920, -14.8847, -32.6174 by changing the saturation by 10% instead.

■ 67.1920, -14.8847,
-32.6174

■ 67.1920, -14.8847,
-32.6174

255.0000, 0.0000,
0.0000

■ 41.6260, -13.1266,
-36.5060

■ 118.0350,
-16.7793, -31.6027

■ 26.4150, -13.0226,
-23.1660

■ 144.3940,
-17.9422, -31.9175

■ 13.5010, -6.6560,
-11.8404

■ 171.2800,
-18.3790, -31.8176

■ 0.0000, 0.0000,
0.0000

■ 198.7530,
-19.1052, -32.2324

■ 227.2260,
-19.8314, -32.6472

■ 239.3770,

-12.0179, -18.7476

251.3540, -3.6255,
-3.8185

67.1920, -14.8847,
-32.6174

67.1920, -14.8847,
-32.6174

63.5890, -17.0524,
-37.3506

70.7950, -12.7169,
-27.8842

59.9860, -19.2201,
-42.0837

74.3980, -10.5492,
-23.1510

56.0840, -21.2404,
-47.4317

78.3000, -8.5289,
-17.8031

55.1440, -22.2560,
-48.3613

82.0170, -5.9244,
-13.1699

85.6200, -3.7567,
-8.4367

■ 89.2230, -1.5889,
-3.7036

■ 92.8260, 0.5788,
1.0296

■ 96.7280, 2.5991,
6.3775

■ 100.3310, 4.7668,
11.1107

Harmonies

Analogous

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



73.6340, -31.8646, 0.3210



67.1920, -14.8847, -32.6174



63.7450, 3.0837, -55.9044

Triad

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



67.1920, -14.8847, -32.6174



67.5990, 38.1587, -59.2843



77.5230, -9.6248, 53.9153

Complementary

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



67.1920, -14.8847, -32.6174



54.8080, 14.8847, 32.6174

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.



79.5020, 5.6685, 48.6717



67.1920, -14.8847, -32.6174



79.0500, 31.0343, -14.0758

Square

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



67.1920, -14.8847, -32.6174



69.5250, 30.3072, -60.9734



82.7900, 18.8375, 24.7402



77.6730, -23.9958, 43.2598

Rectangle

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



67.1920, -14.8847, -32.6174



66.9540, 12.8407, -58.7187



82.7900, 18.8375, 24.7402



77.6030, -4.2413, 53.8452

Sweetspot

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



67.1920, -14.8847, -32.6174



110.4300, -5.6350, -12.6551



83.1380, -26.1970, 2.5100



55.3320, -3.6147, -7.3072



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.1920, -14.8847, -32.6174



81.1930, -23.2661, -51.0353



70.6120, -1.7807, -35.6167



44.0490, -1.0102, -2.6740



65.9380, -26.5914, -57.8276



142.1970, -56.7921, -124.7068

Inverse Universe

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



54.8080, 14.8847, 32.6174



61.8070, 23.2661, 51.0353



51.3880, 1.7807, 35.6167



42.9510, 1.0102, 2.6740



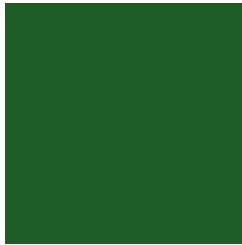
43.9480, 26.1546, 57.9276



94.8030, 56.7921, 124.7068

Previews

White Background



This preview shows how the YUV color 67.1920, -14.8847, -32.6174 looks on a white background.

Color Contrast Check

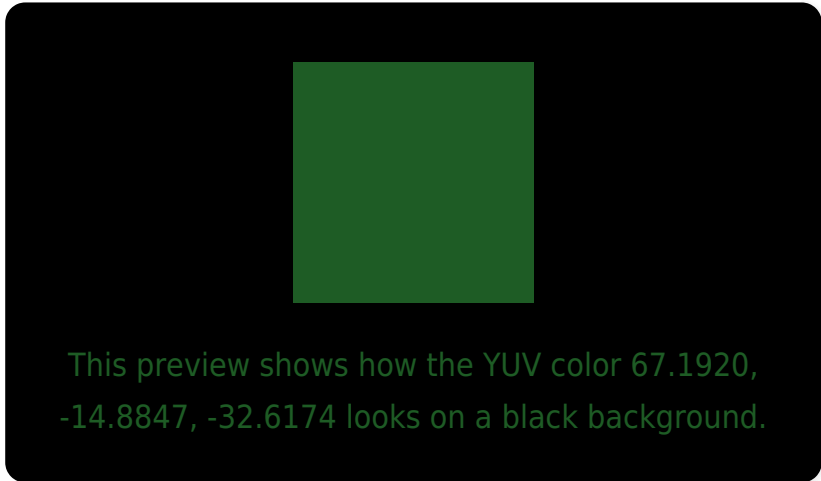
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.1920, -14.8847, -32.6174

Background



This preview shows how black text looks on a background with the YUV color 67.1920, -14.8847, -32.6174.



This preview shows how white text looks on a background with the YUV color 67.1920, -14.8847, -32.6174.

-32.6174.

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

67.1920, -14.8847, -32.6174

Protanopia

77.3330, -21.8562, 10.2320

Deuteranopia

78.7020, -18.0941, 16.9243



Tritanopia

74.8380, 8.9539, -25.2909

Trichromacy



Original Color

67.1920, -14.8847, -32.6174

Protanomaly

73.5160, -19.4814, -4.8375

Deuteranomaly

74.5210, -17.0189, -1.3339

Tritanomaly

71.9380, 0.5236, -28.0096

Monochromacy



Original Color

67.1920, -14.8847, -32.6174

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1420, -5.4930, -11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1920, -14.8847, -32.6174 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(30, 92, 37)` looks like.

```
.text, #text, p{  
    color:rgb(30, 92, 37)  
}
```

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(30, 92, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 92, 37) }
```

Border

The CSS property to change the border of an element to YUV 67.1920, -14.8847, -32.6174 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(30, 92, 37) }
```


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

```
.border{ border-color:rgb(30, 92, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 92, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 92, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 92, 37);  
box-shadow:4px 4px 4px 4px rgb(30, 92, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1920, -14.8847, -32.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 92, 37) }
```

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

```
.background{ background-color: rgb(30, 92,  
37) }
```

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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