

Converting Colors

YUV(64.8930, -14.7372,
-33.2322)

Have a look what the booklet for
YUV(64.8930, -14.7372, -33.2322)
contains.

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Color

**YUV(64.8930, -14.7372,
-33.2322)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5A23
RGB	27, 90, 35
RGB Percent	11%, 35%, 14%
CMY	0.8941, 0.6471, 0.8627
CMYK	0.70, 0.00, 0.61, 0.65
HSL	128°, 54%, 23%
HSV	128°, 70%, 35%
XYZ	4.4115, 7.6667, 2.8374
YIQ	64.8930, -19.8930, -30.4610

Conversions

Conversions Part 2

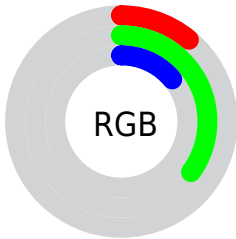
Format	Color
R_{YB}	27, 83, 90
Decimal	1792547
CIE _{Lab}	33.28, -32.72, 25.67
CIE _{LCh}	33, 41.587, 141.886
Yxy	7.6667, 0.2958, 0.5140
Android (android.graphics.Color)	4279982627 (0xFF1B5A23)
YUV	64.8930, -14.7372, -33.2322
Hunter-Lab	27.6888, -20.0158, 13.3064

Details

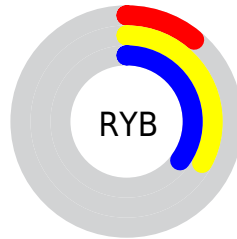
The YUV color **64.8930, -14.7372, -33.2322** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52.1070, 14.7372, 33.2322**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9210, -17.2161, -31.5027**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **61.2900, -16.9050, -37.9653**, and if you desaturate by 10%, it is **68.4960, -12.5695, -28.4990**.

Distribution



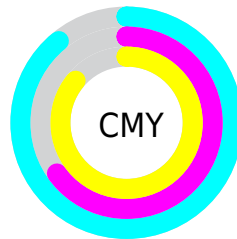
- Red (11%)
- Green (35%)
- Blue (14%)



- Red (11%)
- Yellow (33%)
- Blue (35%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (65%)



- Cyan (89%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8930, -14.7372, -33.2322 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 64.8930, -14.7372, -33.2322 by changing the saturation by 10% instead.

■ 64.8930, -14.7372,
-33.2322

■ 64.8930, -14.7372,
-33.2322

255.0000, 0.0000,
0.0000

■ 40.2240, -13.4214,
-35.2764

■ 115.9210,
-17.2161, -31.5027

■ 25.2410, -12.4438,
-22.1364

■ 142.3940,
-17.9422, -31.9175

■ 11.7400, -5.7878,
-10.2960

■ 168.9810,
-18.2316, -32.4323

■ 0.0000, 0.0000,
0.0000

■ 196.4540,
-18.9578, -32.8472

■ 224.9270,
-19.6840, -33.2620

■ 238.2520,

-12.4492, -20.3920

250.1150, -4.4937,
-5.3629

64.8930, -14.7372,
-33.2322

64.8930, -14.7372,
-33.2322

61.2900, -16.9050,
-37.9653

68.4960, -12.5695,
-28.4990

57.6870, -19.0727,
-42.6985

72.0990, -10.4018,
-23.7658

54.0840, -21.2404,
-47.4317

75.7020, -8.2341,
-19.0327

79.1910, -6.5032,
-14.1995

82.7940, -4.3354,
-9.4663

■ 86.3970, -2.1677,
-4.7332

■ 90.0000, 0.0000,
0.0000

■ 93.6030, 2.1677,
4.7332

■ 97.2060, 4.3354,
9.4663

Harmonies

Analogous

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



71.2210, -32.1540, -0.1938



64.8930, -14.7372, -33.2322



62.3430, 2.7889, -54.6748

Triad

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



64.8930, -14.7372, -33.2322



66.3110, 38.3007, -58.1547



75.5230, -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.



64.8930, -14.7372, -33.2322



52.1070, 14.7372, 33.2322

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.



77.5020, 5.6685, 48.6717



64.8930, -14.7372, -33.2322



76.7510, 31.1818, -14.6906

Square

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



64.8930, -14.7372, -33.2322



68.2370, 30.4492, -59.8438



80.2030, 19.1269, 25.2550



75.5590, -24.4326, 43.3598

Rectangle

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



64.8930, -14.7372, -33.2322



65.5520, 12.5459, -57.4891



80.2030, 19.1269, 25.2550



75.6030, -4.2413, 53.8452

Sweetspot

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



64.8930, -14.7372, -33.2322



107.4300, -5.6350, -12.6551



80.7250, -26.4864, 1.9952



53.0330, -3.4673, -7.9219



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



64.8930, -14.7372, -33.2322



77.8940, -23.1187, -51.6500



68.4270, -1.1965, -36.3315



44.0490, -1.0102, -2.6740



66.1660, -25.7178, -58.0276



142.5390, -55.4817, -125.0067

Inverse Universe

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



52.1070, 14.7372, 33.2322



58.1060, 23.1187, 51.6500



48.5730, 1.1965, 36.3315



42.9510, 1.0102, 2.6740



43.8340, 25.7178, 58.0276



94.4610, 55.4817, 125.0067

Previews

White Background



This preview shows how the YUV color 64.8930, -14.7372, -33.2322 looks on a white background.

Color Contrast Check

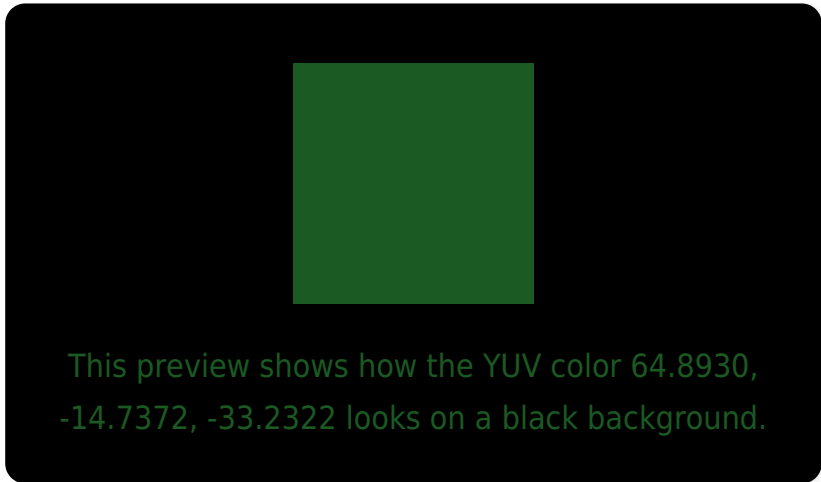
Large Text (above 18pt) WCAG AA ✓ Pass

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

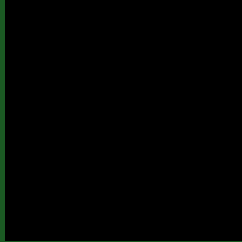
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8930, -14.7372, -33.2322

Background



This preview shows how black text looks on a background with the YUV color 64.8930, -14.7372, -33.2322.



This preview shows how white text looks on a background with the YUV color 64.8930, -14.7372,

-33.2322.

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

64.8930, -14.7372, -33.2322

Protanopia

75.4470, -21.4194, 10.1320

Deuteranopia

76.7020, -18.0941, 16.9243



Tritanopia

72.8380, 8.9539, -25.2909

Trichromacy



Original Color

64.8930, -14.7372, -33.2322

Protanomaly

71.3310, -18.8972, -5.5523

Deuteranomaly

72.5210, -17.0189, -1.3339

Tritanomaly

69.9380, 0.5236, -28.0096

Monochromacy



Original Color

64.8930, -14.7372, -33.2322

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8430, -5.3456, -12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8930, -14.7372, -33.2322 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(27, 90, 35)` looks like.

```
.text, #text, p{  
    color:rgb(27, 90, 35)  
}
```

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(27, 90, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 90, 35) }
```

Border

The CSS property to change the border of an element to YUV 64.8930, -14.7372, -33.2322 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(27, 90, 35) }
```


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

```
.border{ border-color:rgb(27, 90, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 90, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 90, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 90, 35);  
box-shadow:4px 4px 4px 4px rgb(27, 90, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8930, -14.7372, -33.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 90, 35) }
```

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

```
.background{ background-color: rgb(27, 90,  
35) }
```

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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