

Converting Colors

YUV(67.2310, -13.9179,
-15.9886)

Have a look what the booklet for
YUV(67.2310, -13.9179, -15.9886)
contains.

YUV(67.2310, -13.9179, -15.9886)	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(67.2310, -13.9179,
-15.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	315227
RGB	49, 82, 39
RGB Percent	19%, 32%, 15%
CMY	0.8078, 0.6784, 0.8471
CMYK	0.40, 0.00, 0.52, 0.68
HSL	106°, 36%, 24%
HSV	106°, 52%, 32%
XYZ	4.6501, 6.8340, 2.9935
YIQ	67.2310, -5.8650, -20.3690

Conversions

Conversions Part 2

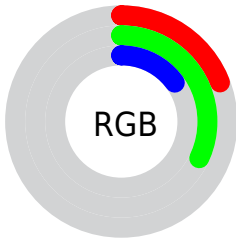
Format	Color
RYB	39, 82, 72
Decimal	3232295
CIELab	31.43, -21.55, 21.41
CIElCh	31, 30.376, 135.193
Yxy	6.8340, 0.3212, 0.4720
Android (android.graphics.Color)	4281422375 (0xFF315227)
YUV	67.2310, -13.9179, -15.9886
Hunter-Lab	26.1420, -13.9970, 11.5102

Details

The YUV color **67.2310, -13.9179, -15.9886** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53.7690, 13.9179, 15.9886**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1770, -15.3703, -16.8182**, and **23.2140, -11.4445, -15.9737** is the 20% darker color. If you saturate the color by 10%, you get **64.5250, -16.5278, -18.8774**, and if you desaturate by 10%, it is **69.9370, -11.3079, -13.0997**.

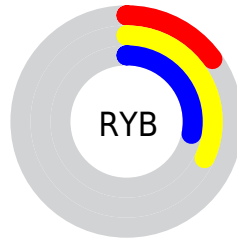
Distribution



Red (19%)

Green (32%)

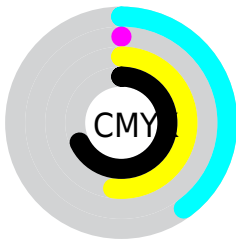
Blue (15%)



Red (15%)

Yellow (32%)

Blue (28%)

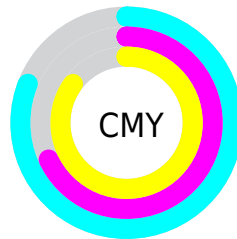


Cyan (40%)

Magenta (0%)

Yellow (52%)

Black (68%)



Cyan (81%)

Magenta (68%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2310, -13.9179, -15.9886 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 67.2310, -13.9179, -15.9886 by changing the saturation by 10% instead.

67.2310, -13.9179,
-15.9886

67.2310, -13.9179,
-15.9886

255.0000, 0.0000,
0.0000

44.4590, -13.0443,
-16.1885

116.1770,
-15.3703, -16.8182

23.2140, -11.4445,
-15.9737

142.0630,
-15.8071, -16.7183

5.8700, -2.8939,
-5.1480

168.5360,
-16.5332, -17.1331

0.0000, 0.0000,
0.0000

196.1230,
-16.8226, -17.6479

224.0090,
-17.2594, -17.5479

243.7910,

-13.2080, -10.3407

253.8600, -4.3680,
0.9998

67.2310, -13.9179,
-15.9886

67.2310, -13.9179,
-15.9886

64.5250, -16.5278,
-18.8774

69.9370, -11.3079,
-13.0997

61.5200, -18.9904,
-22.3810

72.9420, -8.8454,
-9.5961

58.7000, -22.0371,
-25.1699

75.7620, -5.7987,
-6.8073

55.9940, -24.6470,
-28.0587

78.4680, -3.1887,
-3.9184

53.8150, -26.5308,
-30.5328

81.1740, -0.5788,
-1.0296

■ 84.1790, 1.8838,
2.4740

■ 86.8850, 4.4937,
5.3629

■ 89.7050, 7.5404,
8.1517

■ 92.7100, 10.0030,
11.6553

Harmonies

Analogous

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



70.3000, -21.8399, 4.9989



67.2310, -13.9179, -15.9886



56.8490, 2.0464, -49.8566

Triad

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



67.2310, -13.9179, -15.9886



60.6400, 29.2645, -53.1813



74.1620, -5.5029, 38.4459

Complementary

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



67.2310, -13.9179, -15.9886



53.7690, 13.9179, 15.9886

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.



75.6910, 5.5753, 31.8430



67.2310, -13.9179, -15.9886



72.3890, 23.4722, -15.2502

Square

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



67.2310, -13.9179, -15.9886



61.5060, 22.4285, -53.9408



76.5020, 15.5285, 12.7147



73.6810, -16.1117, 34.4828

Rectangle

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



67.2310, -13.9179, -15.9886



59.2600, 8.7458, -51.9710



76.5020, 15.5285, 12.7147



74.4870, -1.7191, 38.1609

Sweetspot

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



67.2310, -13.9179, -15.9886



101.1750, -5.5093, -6.2925



71.2280, -15.8884, 9.4470



50.3540, -3.6255, -3.8185



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.2310, -13.9179, -15.9886



83.8140, -21.6003, -25.2699



65.4950, -7.6390, -23.2361



39.6470, -1.3050, -1.4444



68.8110, -33.9238, -39.2992



152.3300, -75.0987, -86.2354

Inverse Universe

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



53.7690, 13.9179, 15.9886



62.8870, 21.7477, 24.6551



55.5050, 7.6390, 23.2361



38.3530, 1.3050, 1.4444



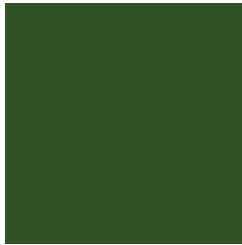
35.8900, 34.0712, 38.6845



79.6700, 75.0987, 86.2354

Previews

White Background



This preview shows how the YUV color 67.2310, -13.9179, -15.9886 looks on a white background.

Color Contrast Check

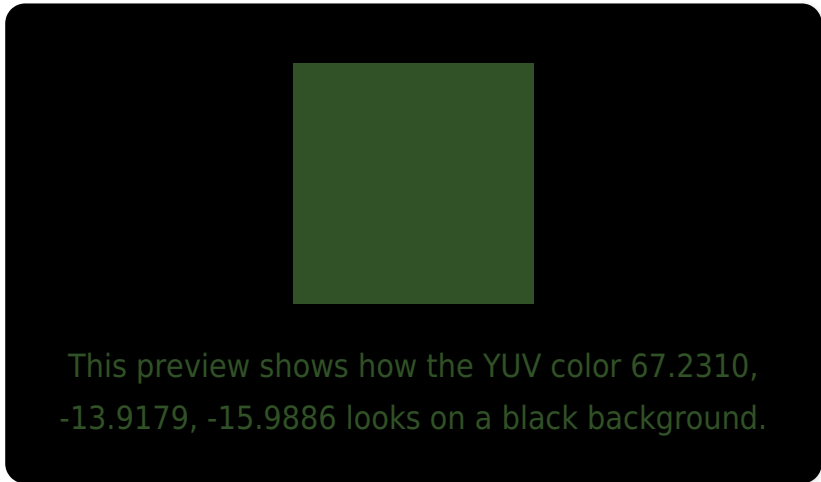
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.2310, -13.9179, -15.9886

Background



This preview shows how black text looks on a background with the YUV color 67.2310, -13.9179, -15.9886.



This preview shows how white text looks on a background with the YUV color 67.2310, -13.9179, -15.9886.

-15.9886.

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

67.2310, -13.9179, -15.9886

Protanopia

72.0600, -17.7776, 8.7174

Deuteranopia

72.7880, -15.1785, 15.0949



Tritanopia

71.7040, 5.5689, -12.8954

Trichromacy



Original Color

67.2310, -13.9179, -15.9886

Protanomaly

70.3470, -16.4401, -0.3043

Deuteranomaly

70.5370, -14.5617, 3.9141

Tritanomaly

70.1570, -1.5564, -14.1697

Monochromacy



Original Color

67.2310, -13.9179, -15.9886

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2310, -13.9179, -15.9886 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(49, 82, 39)` looks like.

```
.text, #text, p{  
    color:rgb(49, 82, 39)  
}
```

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(49, 82, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 82, 39) }
```

Border

The CSS property to change the border of an element to YUV 67.2310, -13.9179, -15.9886 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(49, 82, 39) }
```


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

```
.border{ border-color:rgb(49, 82, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 82, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 82, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 82, 39);  
box-shadow:4px 4px 4px 4px rgb(49, 82, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.2310, -13.9179, -15.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 82, 39) }
```

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

```
.background{ background-color: rgb(49, 82,  
39) }
```

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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