

Converting Colors

YUV(83.4470, -31.7724,
-29.3330)

Have a look what the booklet for
YUV(83.4470, -31.7724, -29.3330)
contains.

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Color

**YUV(83.4470, -31.7724,
-29.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	327113
RGB	50, 113, 19
RGB Percent	20%, 44%, 7%
CMY	0.8039, 0.5569, 0.9255
CMYK	0.56, 0.00, 0.83, 0.56
HSL	100°, 71%, 26%
HSV	100°, 83%, 44%
XYZ	7.3381, 12.5354, 2.6489
YIQ	83.4470, -7.3740, -42.5900

Conversions

Conversions Part 2

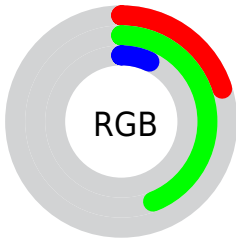
Format	Color
RYB	19, 113, 82
Decimal	3305747
CIELab	42.05, -37.33, 42.14
CIELCh	42, 56.300, 131.536
Yxy	12.5354, 0.3258, 0.5566
Android (android.graphics.Color)	4281495827 (0xFF327113)
YUV	83.4470, -31.7724, -29.3330
Hunter-Lab	35.4053, -24.9637, 20.3479

Details

The YUV color **83.4470, -31.7724, -29.3330** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **48.5530, 31.7724, 29.3330**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6320, -32.3566, -28.6183**, and **37.5680, -18.5210, -32.9471** is the 20% darker color. If you saturate the color by 10%, you get **79.8010, -35.3979, -33.1515**, and if you desaturate by 10%, it is **87.0930, -28.1468, -25.5146**.

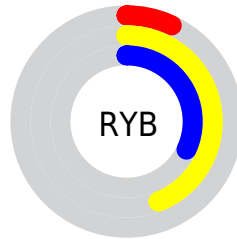
Distribution



Red (20%)

Green (44%)

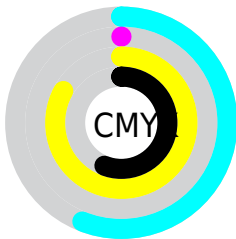
Blue (7%)



Red (7%)

Yellow (44%)

Blue (32%)

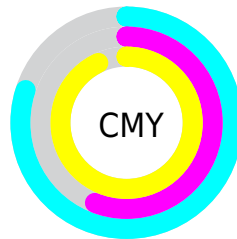


Cyan (56%)

Magenta (0%)

Yellow (83%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4470, -31.7724, -29.3330 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 83.4470, -31.7724, -29.3330 by changing the saturation by 10% instead.

■ 83.4470, -31.7724,
-29.3330

■ 83.4470, -31.7724,
-29.3330

255.0000, 0.0000,
0.0000

■ 57.6360, -28.4145,
-33.0068

■ 136.6320,
-32.3566, -28.6183

■ 37.5680, -18.5210,
-32.9471

■ 163.4040,
-33.2302, -28.4183

■ 24.6540, -12.1544,
-21.6216

■ 190.8770,
-33.9564, -28.8331

■ 8.2180, -4.0515,
-7.2072


■ 219.3500,
-34.6825, -29.2479


■ 0.0000, 0.0000,
0.0000


■ 234.0340,
-28.6108, -16.6928


■ 245.8970,


-20.6552, -1.6637


 252.3780,
-10.0464, 2.2995


 83.4470, -31.7724,
-29.3330

 83.4470, -31.7724,
-29.3330


 79.8010, -35.3979,
-33.1515


 87.0930, -28.1468,
-25.5146

 77.3940, -38.1552,
-35.4255

 90.5540, -23.9371,
-22.4109

 94.2000, -20.3116,
-18.5924

 97.5470, -16.5387,
-15.3887

 101.3070,
-12.4764, -11.6702

■ 104.6540, -8.7034,
-8.4666

■ 108.3000, -5.0779,
-4.6481

■ 111.9460, -1.4524,
-0.8296

■ 115.4070, 2.7573,
2.2741

Harmonies

Analogous

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



91.5570, -45.1376, 10.9125



83.4470, -31.7724, -29.3330



77.0180, -4.4459, -67.5448

Triad

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



83.4470, -31.7724, -29.3330



87.1760, 49.7062, -76.4534



91.7570, -4.3172, 78.2661

Complementary

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



83.4470, -31.7724, -29.3330



48.5530, 31.7724, 29.3330

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.



97.0380, 16.2503, 61.3567



83.4470, -31.7724, -29.3330



79.8870, 54.7787, -70.0609

Square

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



83.4470, -31.7724, -29.3330



88.0930, 35.4502, -77.2576



101.8290, 33.1153, 18.5670



93.7300, -26.9819, 67.7658

Rectangle

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



83.4470, -31.7724, -29.3330



81.8400, 8.9529, -71.7737



101.8290, 33.1153, 18.5670



92.3960, 3.2558, 75.9517

Sweetspot

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



83.4470, -31.7724, -29.3330



136.3070, -12.4764, -11.6702



84.0870, -32.0879, 25.3567



67.0070, -7.3985, -7.0221



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



83.4470, -31.7724, -29.3330



101.5270, -50.0528, -46.0662



76.0020, -20.2140, -49.9908



54.1200, -2.0312, -1.8592



82.4000, -40.6232, -37.1848



169.5070, -83.5670, -76.7436

Inverse Universe

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



48.5530, 31.7724, 29.3330



46.4730, 50.0528, 46.0662



55.9980, 20.2140, 49.9908



51.8800, 2.0312, 1.8592



37.6000, 40.6232, 37.1848



77.7920, 83.4195, 77.3584

Previews

White Background



This preview shows how the YUV color 83.4470, -31.7724, -29.3330 looks on a white background.

Color Contrast Check

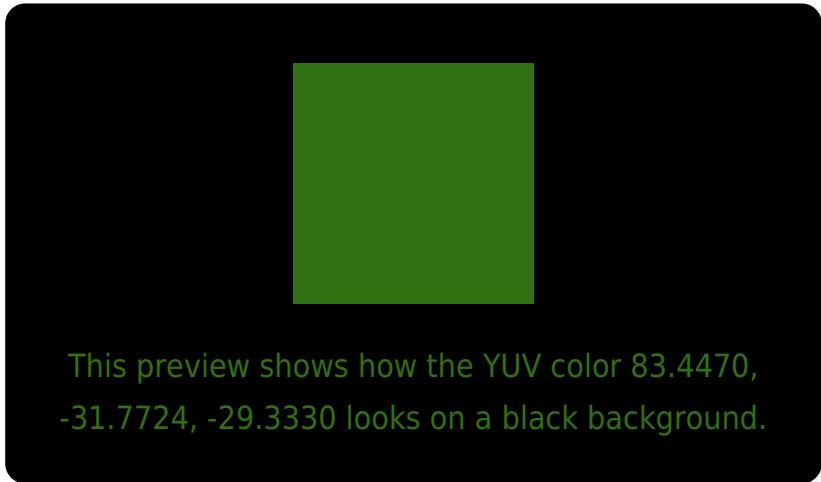
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 83.4470, -31.7724, -29.3330

Background



This preview shows how black text looks on a background with the YUV color 83.4470, -31.7724, -29.3330.



This preview shows how white text looks on a background with the YUV color 83.4470, -31.7724,

-29.3330.

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

83.4470, -31.7724, -29.3330

Protanopia

93.0120, -38.4599, 15.7755

Deuteranopia

95.5600, -32.8141, 24.9419



Tritanopia

94.6640, 9.5326, -24.2613

Trichromacy



Original Color

83.4470, -31.7724, -29.3330

Protanomaly

89.4830, -36.2271, -0.4236

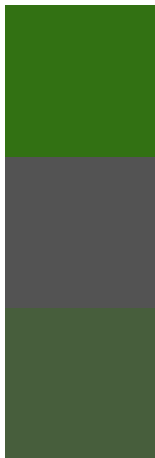
Deuteranomaly

91.1400, -32.6070, 5.1392

Tritanomaly

90.6410, -5.7390, -25.9952

Monochromacy



Original Color

83.4470, -31.7724, -29.3330

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2470, -11.4608, -10.7406

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4470, -31.7724, -29.3330 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, 113, 19)` looks like.

```
.text, #text, p{  
    color:rgb(50, 113, 19)  
}
```

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, 113, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 113, 19) }
```

Border

The CSS property to change the border of an element to YUV 83.4470, -31.7724, -29.3330 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, 113, 19) }
```


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

```
.border{ border-color:rgb(50, 113, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 113, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 113, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 113, 19);  
box-shadow:4px 4px 4px 4px rgb(50, 113,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 83.4470, -31.7724, -29.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 113, 19) }
```

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

```
.background{ background-color: rgb(50, 113,  
19) }
```

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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