

Converting Colors

YUV(35.3170, -17.4113,
31.2940)

Have a look what the booklet for
YUV(35.3170, -17.4113, 31.2940)
contains.

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Color

**YUV(35.3170, -17.4113,
31.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	471800
RGB	71, 24, 0
RGB Percent	28%, 9%, 0%
CMY	0.7216, 0.9059, 1.0000
CMYK	0.00, 0.66, 1.00, 0.72
HSL	20°, 100%, 14%
HSV	20°, 100%, 28%
XYZ	2.9252, 1.9929, 0.2305
YIQ	35.3170, 35.7160, 2.5000

Conversions

Conversions Part 2

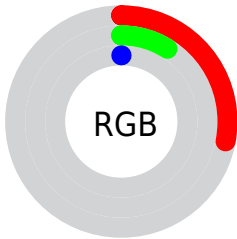
Format	Color
RYB	71, 36, 0
Decimal	4659200
CIELab	15.45, 21.13, 23.34
CIELCh	15, 31.485, 47.845
Yxy	1.9929, 0.5682, 0.3871
Android (android.graphics.Color)	4282849280 (0xFF471800)
YUV	35.3170, -17.4113, 31.2940
Hunter-Lab	14.1169, 12.2826, 8.9138

Details

The YUV color **35.3170, -17.4113, 31.2940** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.6830, 17.4113, -31.2940**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9370, -17.7169, 36.0123**, and **1.1960, -0.5896, 2.4591** is the 20% darker color. If you saturate the color by 10%, you get **35.3170, -17.4113, 31.2940**, and if you desaturate by 10%, it is **39.0500, -15.8006, 28.0202**.

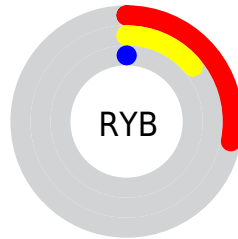
Distribution



Red (28%)

Green (9%)

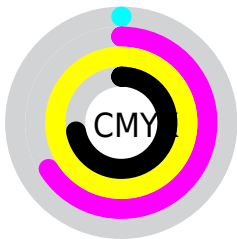
Blue (0%)



Red (28%)

Yellow (14%)

Blue (0%)

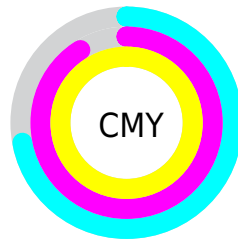


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3170, -17.4113, 31.2940 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 35.3170, -17.4113, 31.2940 by changing the saturation by 10% instead.

■ 35.3170, -17.4113,
31.2940

■ 35.3170, -17.4113,
31.2940

■ 251.6940,
-12.6671, 2.8994

■ 14.9280, -7.3595,
27.2501

■ 82.9370, -17.7169,
36.0123

■ 1.1960, -0.5896,
2.4591

■ 107.7200,
-18.5960, 37.9566

■ 0.0000, 0.0000,
0.0000


■ 133.3890,
-19.9118, 40.0008


■ 160.1720,
-20.7908, 41.9452


■ 187.6560,
-21.5224, 43.2747


■ 211.9650,


-20.1957, 37.7417


 231.4790,
-16.5051, 20.6279

 35.3170, -17.4113,
31.2940

 39.0500, -15.8006,
28.0202

 42.1960, -13.9006,
25.2611

 45.9290, -12.2900,
21.9873

 49.6620, -10.6794,
18.7134

 53.5090, -8.6319,
15.3396

■ 56.6550, -6.7319,
12.5806

■ 60.3880, -5.1213,
9.3067

■ 64.1210, -3.5107,
6.0329

■ 67.2670, -1.6106,
3.2738

Harmonies

Analogous

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



34.2050, -4.0451, 37.5312



35.3170, -17.4113, 31.2940



36.7020, -18.0941, 16.9243

Triad

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



35.3170, -17.4113, 31.2940



31.3680, -1.6604, -27.5097



35.1390, 22.6095, -18.5389

Complementary

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



35.3170, -17.4113, 31.2940



35.6830, 17.4113, -31.2940

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.



35.1760, 23.0842, -30.8494



35.3170, -17.4113, 31.2940



34.6910, 8.5333, -30.4240

Square

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



35.3170, -17.4113, 31.2940



29.3230, -13.4702, -19.5773



35.6830, 17.4113, -31.2940



39.8720, 14.3601, 14.1443

Rectangle

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



35.3170, -17.4113, 31.2940



36.0490, -17.7722, 6.9730



35.6830, 17.4113, -31.2940



32.3550, 24.9680, -28.3753

Sweetspot

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



35.3170, -17.4113, 31.2940



78.2420, -7.0213, 12.0658



26.5870, 10.0636, 38.9502



37.6050, -4.2423, 7.3624



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



35.3170, -17.4113, 31.2940



45.7050, -22.5326, 40.6007



55.8620, -27.5400, 13.2760



33.7830, -0.8790, 1.9443



49.5590, -24.4326, 43.3598



113.0720, -55.7445, 99.9149

Inverse Universe

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



35.6830, 17.4113, -31.2940



46.2950, 22.5326, -40.6007



15.1380, 27.5400, -13.2760



33.6300, 1.1684, -1.4295



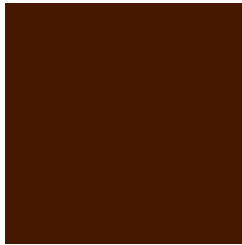
50.0280, 24.1432, -43.8746



113.9280, 55.7445, -99.9149

Previews

White Background



This preview shows how the YUV color 35.3170, -17.4113, 31.2940 looks on a white background.

Color Contrast Check

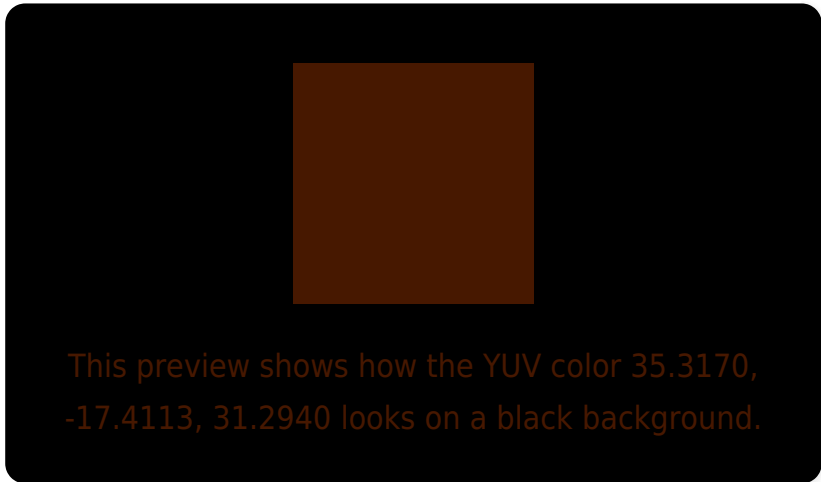
Large Text (above 18pt) WCAG AA ✓ Pass

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

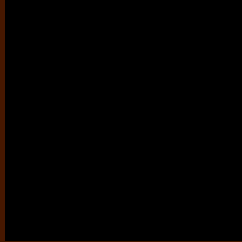
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3170, -17.4113, 31.2940

Background



This preview shows how black text looks on a background with the YUV color 35.3170, -17.4113, 31.2940.



This preview shows how white text looks on a background with the YUV color 35.3170, -17.4113,

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



Protanopia

37.7330, -15.1514, 6.3732

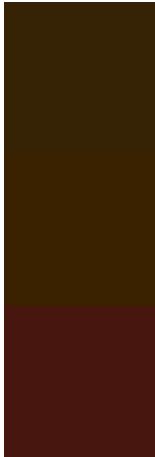
Deuteranopia

37.5550, -18.5146, 11.7913

Tritanopia

36.8790, -6.3493, 29.9241

Trichromacy



Protanomaly

36.5600, -16.0521, 15.2949

Deuteranomaly

36.7130, -18.0995, 18.6687

Tritanomaly

36.4400, -10.5699, 30.3091

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3170, -17.4113, 31.2940 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(71, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 24, 0)  
}
```

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(71, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 24, 0) }
```

Border

The CSS property to change the border of an element to YUV 35.3170, -17.4113, 31.2940 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(71, 24, 0) }
```

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

```
.border{ border-color:rgb(71, 24, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 24, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 24, 0); box-shadow:4px  
4px 4px 4px rgb(71, 24, 0) }
```


Background

The CSS property to change the background color of an element to YUV 35.3170, -17.4113, 31.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 24, 0) }
```

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

```
.background{ background-color: rgb(71, 24,  
0) }
```

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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