

Converting Colors

YUV(32.3170, -7.5513, -4.6630)

Have a look what the booklet for
YUV(32.3170, -7.5513, -4.6630)
contains.

YUV(32.3170, -7.5513, -4.6630)	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(32.3170, -7.5513,
-4.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2611
RGB	27, 38, 17
RGB Percent	11%, 15%, 7%
CMY	0.8941, 0.8510, 0.9333
CMYK	0.29, 0.00, 0.55, 0.85
HSL	91°, 38%, 11%
HSV	91°, 55%, 15%
XYZ	1.2463, 1.6597, 0.7850
YIQ	32.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

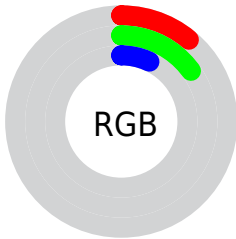
Format	Color
RYB	17, 38, 28
Decimal	1779217
CIELab	13.59, -9.64, 12.20
CIELCh	14, 15.548, 128.298
Yxy	1.6597, 0.3377, 0.4497
Android (android.graphics.Color)	4279969297 (0xFF1B2611)
YUV	32.3170, -7.5513, -4.6630
Hunter-Lab	12.8830, -5.2773, 5.4054

Details

The YUV color **32.3170, -7.5513, -4.6630** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.6830, 7.5513, 4.6630**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6760, -8.7143, -4.9779**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.2630, -9.0037, -5.4927**, and if you desaturate by 10%, it is **33.3710, -6.0989, -3.8334**.

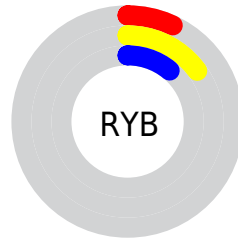
Distribution



Red (11%)

Green (15%)

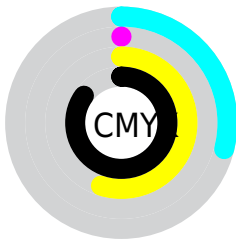
Blue (7%)



Red (7%)

Yellow (15%)

Blue (11%)

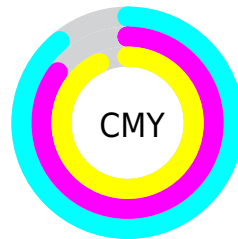


Cyan (29%)

Magenta (0%)

Yellow (55%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.3170, -7.5513, -4.6630 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 32.3170, -7.5513, -4.6630 by changing the saturation by 10% instead.

■ 32.3170, -7.5513,
-4.6630

■ 32.3170, -7.5513,
-4.6630

■ 253.4040, -6.1152,
1.3997

■ 10.5660, -5.2090,
-9.2664

■ 76.6760, -8.7143,
-4.9779

■ 0.0000, 0.0000,
0.0000

■ 100.6760, -8.7143,
-4.9779


■ 125.2630, -9.0037,
-5.4927


■ 151.1490, -9.4405,
-5.3927


■ 178.0350, -9.8773,
-5.2927


■ 205.6220,


-10.1666, -5.8075


 233.6220,
-10.1666, -5.8075


 32.3170, -7.5513,
-4.6630


 32.3170, -7.5513,
-4.6630


 31.2630, -9.0037,
-5.4927


 33.3710, -6.0989,
-3.8334


 30.2090, -10.4560,
-6.3223


 34.4250, -4.6465,
-3.0037


 29.2690, -11.4716,
-7.2519

 35.3650, -3.6309,
-2.0741

 28.2150, -12.9240,
-8.0816

 36.4190, -2.1786,
-1.2445

 27.6880, -13.6502,
-8.4964

 37.4730, -0.7262,
-0.4148

■ 38.5270, 0.7262,
0.4148

■ 39.5810, 2.1786,
1.2445

■ 40.5210, 3.1941,
2.1741

■ 41.5750, 4.6465,
3.0037

Harmonies

Analogous

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



33.4600, -11.0728, 4.8586



32.3170, -7.5513, -4.6630



30.0320, -1.9878, -15.8141

Triad

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



32.3170, -7.5513, -4.6630



28.5760, 13.0270, -25.0612



35.3550, -1.6540, 17.2287

Complementary

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



32.3170, -7.5513, -4.6630



22.6830, 7.5513, 4.6630

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.



36.0000, 3.4510, 13.1550



32.3170, -7.5513, -4.6630



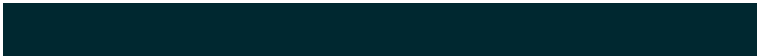
33.8060, 10.9416, -9.4769

Square

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



32.3170, -7.5513, -4.6630



28.9520, 9.3907, -25.3909



36.0850, 7.8461, 3.4335



35.0900, -6.4534, 16.5841

Rectangle

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



32.3170, -7.5513, -4.6630



27.6550, 3.1281, -23.3764



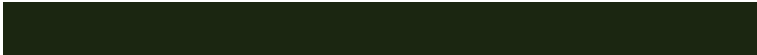
36.0850, 7.8461, 3.4335



35.5120, 0.2406, 16.2140

Sweetspot

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



32.3170, -7.5513, -4.6630



45.8920, -2.9048, -1.6593



29.7360, -6.2788, 7.2475



24.4190, -2.1786, -1.2445



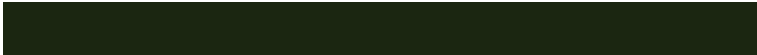
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.3170, -7.5513, -4.6630



39.5680, -11.6190, -6.6371



29.3270, -6.0772, -10.8108



17.4730, -0.7262, -0.4148



59.7950, -29.4789, -18.2372



152.5830, -75.2234, -46.1153

Inverse Universe

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



22.6830, 7.5513, 4.6630



24.7310, 11.4716, 7.2519



25.6730, 6.0772, 10.8108



16.5270, 0.7262, 0.4148



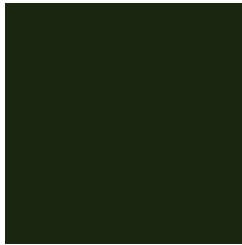
22.2050, 29.4789, 18.2372



56.7160, 75.0760, 46.7301

Previews

White Background



This preview shows how the YUV color 32.3170, -7.5513, -4.6630 looks on a white background.

Color Contrast Check

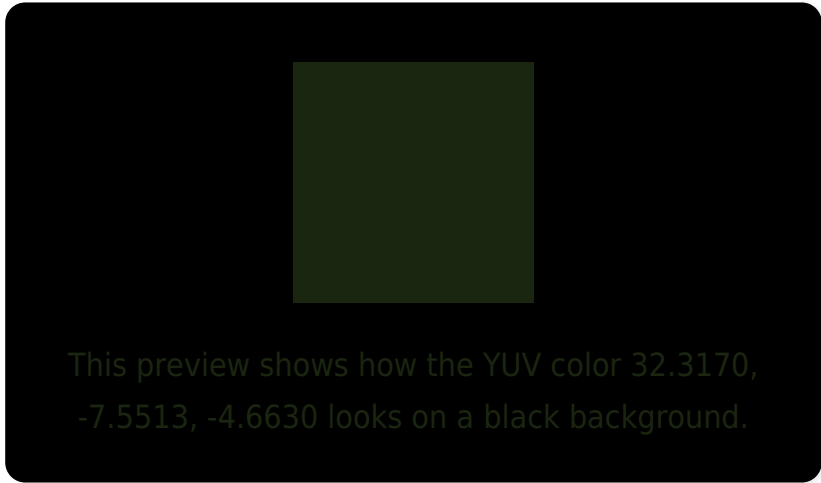
Large Text (above 18pt) WCAG AA ✓ Pass

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

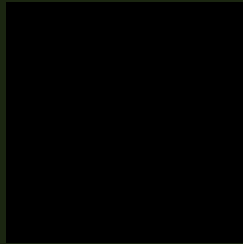
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

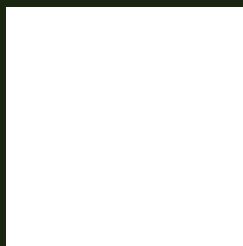
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.3170, -7.5513, -4.6630

Background



This preview shows how black text looks on a background with the YUV color 32.3170, -7.5513, -4.6630.



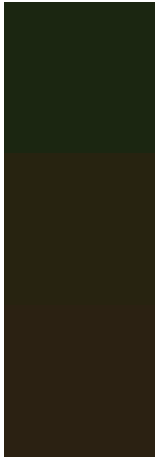
This preview shows how white text looks on a background with the YUV color 32.3170, -7.5513,

-4.6630.

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

32.3170, -7.5513, -4.6630

Protanopia

34.0300, -8.8888, 4.3587

Deuteranopia

34.2800, -8.0260, 7.6474



Tritanopia

34.5480, 2.1948, -3.9886

Trichromacy



Original Color

32.3170, -7.5513, -4.6630

Protanomaly

33.4210, -8.5886, 1.3848

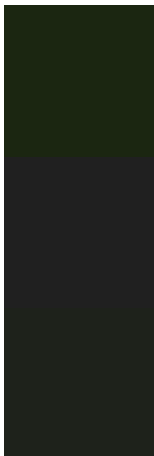
Deuteranomaly

33.6600, -7.7204, 2.9292

Tritanomaly

33.9240, -1.4415, -4.3183

Monochromacy



Original Color

32.3170, -7.5513, -4.6630

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.3170, -7.5513, -4.6630 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, 38, 17)` looks like.

```
.text, #text, p{  
    color:rgb(27, 38, 17)  
}
```

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, 38, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 38, 17) }
```

Border

The CSS property to change the border of an element to YUV 32.3170, -7.5513, -4.6630 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, 38, 17) }
```


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

```
.border{ border-color:rgb(27, 38, 17) }
```

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

Here you see how a box with a 4 pixel rgb(27, 38, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 38, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 38, 17);  
box-shadow:4px 4px 4px 4px rgb(27, 38, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.3170, -7.5513, -4.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 38, 17) }
```

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

```
.background{ background-color: rgb(27, 38,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor