

Converting Colors

YUV(29.1550, -11.9084, -7.1519)

Have a look what the booklet for
YUV(29.1550, -11.9084, -7.1519)
contains.

YUV(29.1550, -11.9084, -7.1519)	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(29.1550, -11.9084,
-7.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	152605
RGB	21, 38, 5
RGB Percent	8%, 15%, 2%
CMY	0.9176, 0.8510, 0.9804
CMYK	0.45, 0.00, 0.87, 0.85
HSL	91°, 77%, 8%
HSV	91°, 87%, 15%
XYZ	1.0298, 1.5566, 0.3898
YIQ	29.1550, 0.4610, -13.8670

Conversions

Conversions Part 2

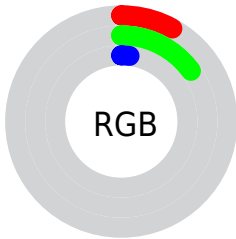
Format	Color
R_{YB}	5, 38, 22
Decimal	1385989
CIE Lab	12.96, -14.21, 16.78
CIE LCh	13, 21.982, 130.256
Yxy	1.5566, 0.3460, 0.5230
Android (android.graphics.Color)	4279576069 (0xFF152605)
YUV	29.1550, -11.9084, -7.1519
Hunter-Lab	12.4764, -7.1009, 6.8813

Details

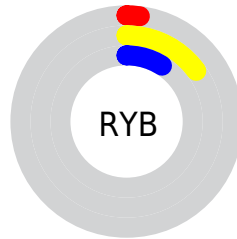
The YUV color **29.1550, -11.9084, -7.1519** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.8450, 11.9084, 7.1519**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5570, -11.6136, -8.3815**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.1010, -13.3608, -7.9816**, and if you desaturate by 10%, it is **30.2090, -10.4560, -6.3223**.

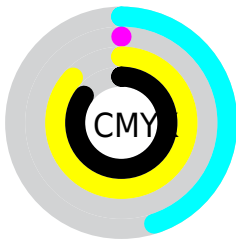
Distribution



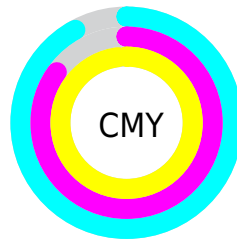
- Red (8%)
- Green (15%)
- Blue (2%)



- Red (2%)
- Yellow (15%)
- Blue (9%)



- Cyan (45%)
- Magenta (0%)
- Yellow (87%)
- Black (85%)



- Cyan (92%)
- Magenta (85%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.1550, -11.9084, -7.1519 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 29.1550, -11.9084, -7.1519 by changing the saturation by 10% instead.

■ 29.1550, -11.9084,
-7.1519

■ 29.1550, -11.9084,
-7.1519

■ 250.0570, -9.8881,
-1.8040

■ 10.5660, -5.2090,
-9.2664

■ 73.5570, -11.6136,
-8.3815

■ 0.0000, 0.0000,
0.0000

■ 97.4430, -12.0504,
-8.2815


■ 122.6170,
-12.6292, -9.3111


■ 148.5030,
-13.0660, -9.2111


■ 175.3890,
-13.5028, -9.1112


■ 202.3890,


-13.5028, -9.1112


 230.8620,
-14.2290, -9.5260


 29.1550, -11.9084,
-7.1519


 29.1550, -11.9084,
-7.1519


 28.1010, -13.3608,
-7.9816


 30.2090, -10.4560,
-6.3223

 27.6880, -13.6502,
-8.4964

 31.2630, -9.0037,
-5.4927

 32.2030, -7.9881,
-4.5630

 33.2570, -6.5357,
-3.7334

 34.3110, -5.0833,
-2.9037

■ 35.3650, -3.6309,
-2.0741

■ 36.4190, -2.1786,
-1.2445

■ 37.3590, -1.1630,
-0.3148

■ 38.4130, 0.2894,
0.5148

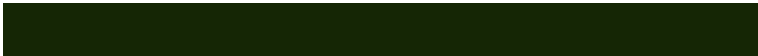
Harmonies

Analogous

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



31.3200, -15.4408, 5.8584



29.1550, -11.9084, -7.1519



26.1020, -1.5293, -22.8915

Triad

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



29.1550, -11.9084, -7.1519



29.3740, 16.0846, -25.7610



32.6980, -1.8231, 24.8209

Complementary

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



29.1550, -11.9084, -7.1519



13.8450, 11.9084, 7.1519

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.



34.0870, 4.8871, 19.2177



29.1550, -11.9084, -7.1519



30.1410, 16.1995, -15.9097

Square

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



29.1550, -11.9084, -7.1519



29.5220, 11.5747, -25.8908



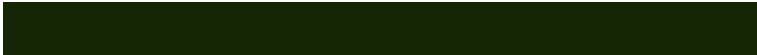
34.6060, 11.0402, 5.6075



32.6240, -9.6746, 23.1318

Rectangle

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



29.1550, -11.9084, -7.1519



27.8290, 2.5493, -24.4060



34.6060, 11.0402, 5.6075



32.9690, 0.5083, 23.7062

Sweetspot

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



29.1550, -11.9084, -7.1519



44.8380, -4.3571, -2.4889



24.8460, -9.7841, 11.5361



23.5930, -2.7573, -2.2741



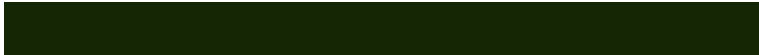
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.1550, -11.9084, -7.1519



35.0530, -17.2811, -10.5705



24.3710, -9.5499, -16.9884



17.4730, -0.7262, -0.4148



60.0940, -29.6263, -17.6224



152.8820, -75.3708, -45.5005

Inverse Universe

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



13.8450, 11.9084, 7.1519



12.9470, 17.2811, 10.5705



18.6290, 9.5499, 16.9884



16.5270, 0.7262, 0.4148



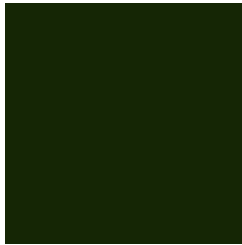
21.9060, 29.6263, 17.6224



56.1180, 75.3708, 45.5005

Previews

White Background



This preview shows how the YUV color 29.1550, -11.9084, -7.1519 looks on a white background.

Color Contrast Check

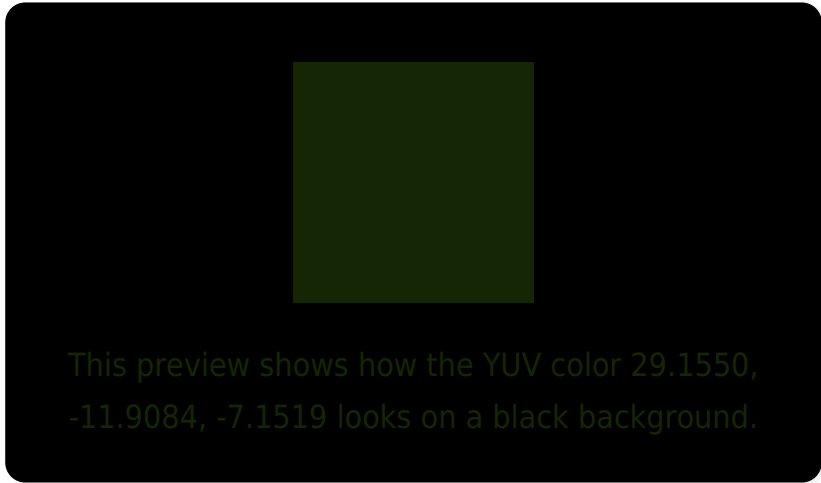
Large Text (above 18pt) WCAG AA ✓ Pass

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

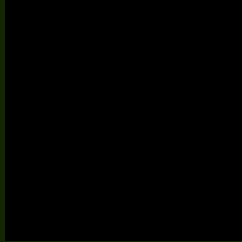
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

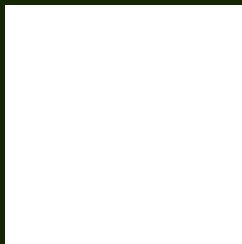
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.1550, -11.9084, -7.1519

Background



This preview shows how black text looks on a background with the YUV color 29.1550, -11.9084, -7.1519.



This preview shows how white text looks on a background with the YUV color 29.1550, -11.9084,

-7.1519.

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

29.1550, -11.9084, -7.1519

Protanopia

31.7760, -13.6936, 5.4584

Deuteranopia

32.3680, -11.5204, 8.4473



Tritanopia

32.6510, 2.6371, -5.8329

Trichromacy



Original Color

29.1550, -11.9084, -7.1519

Protanomaly

30.5690, -13.0985, 1.2550

Deuteranomaly

31.0360, -11.3567, 2.5994

Tritanomaly

31.2720, -2.5991, -6.3775

Monochromacy



Original Color

29.1550, -11.9084, -7.1519

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.1550, -11.9084, -7.1519 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(21, 38, 5)` looks like.

```
.text, #text, p{  
    color:rgb(21, 38, 5)  
}
```

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(21, 38, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 38, 5) }
```

Border

The CSS property to change the border of an element to YUV 29.1550, -11.9084, -7.1519 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(21, 38, 5) }
```


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

```
.border{ border-color:rgb(21, 38, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 38, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 38, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 38, 5); box-shadow:4px  
4px 4px 4px rgb(21, 38, 5) }
```

Background

The CSS property to change the background color of an element to YUV 29.1550, -11.9084, -7.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 38, 5) }
```

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

```
.background{ background-color: rgb(21, 38,  
5) }
```

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