

Converting Colors

YUV(32.7000, -11.6841,
14.2951)

Have a look what the booklet for
YUV(32.7000, -11.6841, 14.2951)
contains.

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Color

**YUV(32.7000, -11.6841,
14.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	311D09
RGB	49, 29, 9
RGB Percent	19%, 11%, 4%
CMY	0.8078, 0.8863, 0.9647
CMYK	0.00, 0.41, 0.82, 0.81
HSL	30°, 69%, 11%
HSV	30°, 82%, 19%
XYZ	1.7553, 1.5514, 0.4654
YIQ	32.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

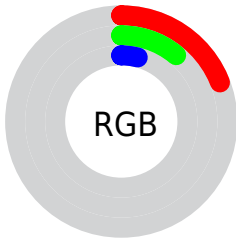
Format	Color
RYB	49, 49, 9
Decimal	3218697
CIELab	12.93, 7.46, 15.64
CIElCh	13, 17.326, 64.503
Yxy	1.5514, 0.4653, 0.4113
Android (android.graphics.Color)	4281408777 (0xFF311D09)
YUV	32.7000, -11.6841, 14.2951
Hunter-Lab	12.4556, 3.3577, 6.5036

Details

The YUV color **32.7000, -11.6841, 14.2951** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.3000, 11.6841, -14.2951**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.8960, -12.2737, 16.7542**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.9560, -13.2893, 15.8246**, and if you desaturate by 10%, it is **34.4440, -10.0789, 12.7656**.

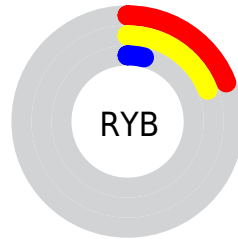
Distribution



Red (19%)

Green (11%)

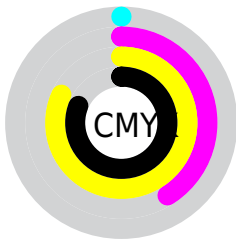
Blue (4%)



Red (19%)

Yellow (19%)

Blue (4%)

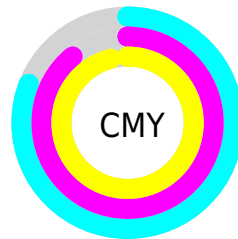


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.7000, -11.6841, 14.2951 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 32.7000, -11.6841, 14.2951 by changing the saturation by 10% instead.

■ 32.7000, -11.6841,
14.2951

■ 32.7000, -11.6841,
14.2951

■ 252.4920, -9.6096,
2.1995

■ 10.4210, -5.1376,
14.5398

■ 77.8960, -12.2737,
16.7542

■ 0.0000, 0.0000,
0.0000

■ 101.4940,
-12.5685, 17.9838

■ 126.9780,
-13.3002, 19.3133


■ 153.1630,
-13.8844, 20.0280


■ 179.7610,
-14.1792, 21.2576


■ 207.6470,


-14.6160, 21.3576


 234.0380,
-14.3157, 18.3837


 32.7000, -11.6841,
14.2951


 32.7000, -11.6841,
14.2951


 30.9560, -13.2893,
15.8246


 34.4440, -10.0789,
12.7656

 29.3260, -14.4577,
17.2541

 36.7750, -8.7631,
10.7213

 38.5190, -7.1579,
9.1918

 40.8500, -5.8420,
7.1476

 42.5940, -4.2368,
5.6181

■ 44.8110, -3.3578,
3.6738

■ 46.5550, -1.7526,
2.1443

■ 48.8860, -0.4368,
0.1000

■ 50.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



33.4000, -6.6062, 18.9432



32.7000, -11.6841, 14.2951



31.4880, -13.5516, 6.5880

Triad

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



32.7000, -11.6841, 14.2951



26.8830, 4.0017, -23.5764



34.7150, 9.0145, 2.0039

Complementary

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



32.7000, -11.6841, 14.2951



25.3000, 11.6841, -14.2951

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.



30.9410, 12.8471, -13.9803



32.7000, -11.6841, 14.2951



28.2510, 9.2433, -24.7761

Square

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



32.7000, -11.6841, 14.2951



28.5050, -2.7140, -16.2289



27.9890, 13.3164, -24.5464



34.6410, 4.6140, 13.4698

Rectangle

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



32.7000, -11.6841, 14.2951



31.3130, -11.4933, -0.2745



27.9890, 13.3164, -24.5464



33.7360, 10.4832, -2.3995

Sweetspot

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



32.7000, -11.6841, 14.2951



57.4800, -4.6736, 5.7180



23.2400, 2.8397, 22.5915



29.0390, -2.4842, 3.4738



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



32.7000, -11.6841, 14.2951



38.6210, -18.5472, 22.2574



44.4400, -17.4719, 3.9991



24.4840, -0.7316, 1.3295



53.0260, -26.1418, 31.5492



128.2790, -63.2415, 77.8083

Inverse Universe

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



25.3000, 11.6841, -14.2951



26.9660, 18.2578, -22.7722



13.5600, 17.4719, -3.9991



23.9290, 1.0210, -0.8147



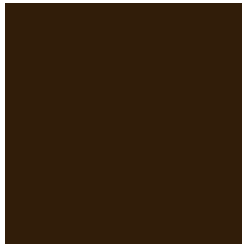
36.5610, 25.8524, -32.0640



88.1340, 63.5309, -77.2935

Previews

White Background



This preview shows how the YUV color 32.7000, -11.6841, 14.2951 looks on a white background.

Color Contrast Check

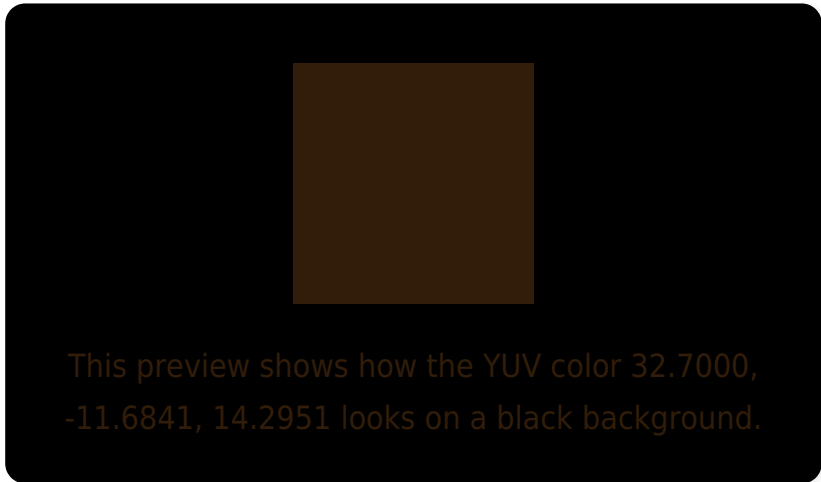
Large Text (above 18pt) WCAG AA ✓ Pass

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

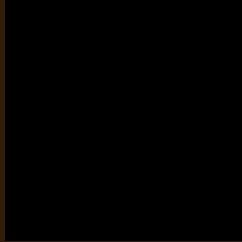
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.7000, -11.6841, 14.2951

Background



This preview shows how black text looks on a background with the YUV color 32.7000, -11.6841, 14.2951.

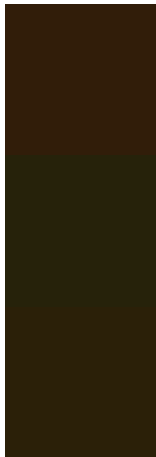


This preview shows how white text looks on a background with the YUV color 32.7000, -11.6841,

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

32.7000, -11.6841, 14.2951

Protanopia

32.4600, -11.0728, 4.8586

Deuteranopia

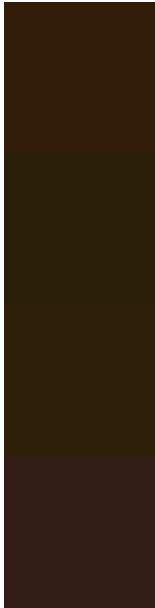
32.5530, -12.1046, 9.1620



Tritanopia

34.1050, -2.5168, 13.9399

Trichromacy



Original Color

32.7000, -11.6841, 14.2951

Protanomaly

32.4820, -11.0836, 8.3473

Deuteranomaly

32.5640, -12.1101, 10.9064

Tritanomaly

33.8940, -5.8637, 14.1250

Monochromacy



Original Color

32.7000, -11.6841, 14.2951

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.7000, -11.6841, 14.2951 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, 29, 9)` looks like.

```
.text, #text, p{  
    color:rgb(49, 29, 9)  
}
```

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, 29, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 29, 9) }
```

Border

The CSS property to change the border of an element to YUV 32.7000, -11.6841, 14.2951 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, 29, 9) }
```


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

```
.border{ border-color:rgb(49, 29, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 29, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 29, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 29, 9); box-shadow:4px  
4px 4px 4px rgb(49, 29, 9) }
```

Background

The CSS property to change the background color of an element to YUV 32.7000, -11.6841, 14.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 29, 9) }
```

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

```
.background{ background-color: rgb(49, 29,  
9) }
```

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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