

Converting Colors

YUV(28.9990, -11.8315,
14.9099)

Have a look what the booklet for
YUV(28.9990, -11.8315, 14.9099)
contains.

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Color

**YUV(28.9990, -11.8315,
14.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1905
RGB	46, 25, 5
RGB Percent	18%, 10%, 2%
CMY	0.8196, 0.9020, 0.9804
CMYK	0.00, 0.46, 0.89, 0.82
HSL	29°, 80%, 10%
HSV	29°, 89%, 18%
XYZ	1.5017, 1.2871, 0.3129
YIQ	28.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

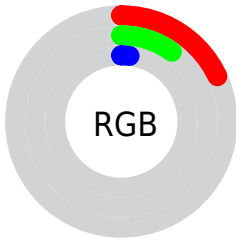
Format	Color
RYB	46, 44, 5
Decimal	3021061
CIELab	11.18, 8.29, 14.81
CIElCh	11, 16.971, 60.762
Yxy	1.2871, 0.4842, 0.4150
Android (android.graphics.Color)	4281211141 (0xFF2E1905)
YUV	28.9990, -11.8315, 14.9099
Hunter-Lab	11.3449, 3.7748, 6.3064

Details

The YUV color **28.9990, -11.8315, 14.9099** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.0010, 11.8315, -14.9099**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5370, -11.1107, 17.0691**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2550, -13.4367, 16.4394**, and if you desaturate by 10%, it is **30.7430, -10.2263, 13.3804**.

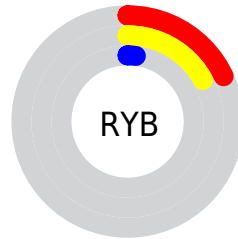
Distribution



Red (18%)

Green (10%)

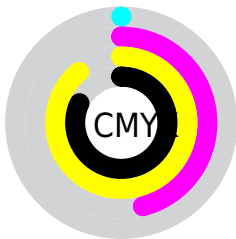
Blue (2%)



Red (18%)

Yellow (17%)

Blue (2%)

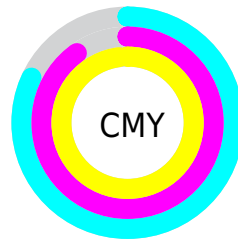


Cyan (0%)

Magenta (46%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (90%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9990, -11.8315, 14.9099 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 28.9990, -11.8315, 14.9099 by changing the saturation by 10% instead.

■ 28.9990, -11.8315,
14.9099

■ 28.9990, -11.8315,
14.9099

■ 250.3890,
-10.0518, 4.0438

■ 6.8770, -3.3904,
14.1399

■ 73.5370, -11.1107,
17.0691

■ 0.0000, 0.0000,
0.0000

■ 97.9070, -12.2792,
18.4986


■ 122.5050,
-12.5740, 19.7281


■ 148.6900,
-13.1582, 20.4429


■ 175.2880,
-13.4530, 21.6724


■ 203.0600,


-14.3266, 21.8724


 230.1740,
-13.8898, 21.7724


 28.9990, -11.8315,
14.9099


 28.9990, -11.8315,
14.9099


 27.2550, -13.4367,
16.4394


 30.7430, -10.2263,
13.3804

 26.6680, -13.1473,
16.9542

 32.9600, -9.3473,
11.4361

 34.7040, -7.7421,
9.9066

 36.3340, -6.5737,
8.4771

 38.6650, -5.2578,
6.4328

■ 40.4090, -3.6526,
4.9033

■ 42.0390, -2.4842,
3.4738

■ 44.3700, -1.1684,
1.4295

■ 46.0000, 0.0000,
0.0000

Harmonies

Analogous

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



29.6280, -5.7326, 18.7432



28.9990, -11.8315, 14.9099



28.0860, -13.8464, 7.8176

Triad

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



28.9990, -11.8315, 14.9099



24.5520, 2.6859, -21.5321



30.8180, 9.4567, 0.1596

Complementary

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



28.9990, -11.8315, 14.9099



22.0010, 11.8315, -14.9099

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.



26.6310, 12.9999, -16.3394



28.9990, -11.8315, 14.9099



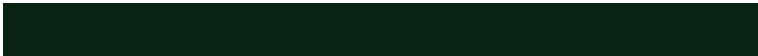
25.2190, 7.7800, -22.1171

Square

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



28.9990, -11.8315, 14.9099



25.2880, -3.5930, -14.2846



25.6580, 12.0006, -22.5021



30.7440, 5.0562, 11.6255

Rectangle

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



28.9990, -11.8315, 14.9099



27.9820, -12.8091, 1.7698



25.6580, 12.0006, -22.5021



29.7250, 10.4886, -4.1438

Sweetspot

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



28.9990, -11.8315, 14.9099



52.4800, -4.6736, 5.7180



19.6530, 3.1291, 23.1063



26.9250, -2.9210, 3.5738



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



28.9990, -11.8315, 14.9099



34.6640, -17.0894, 21.3427



40.7390, -17.6193, 4.6139



22.1850, -0.5842, 0.7148



50.6670, -24.9788, 31.8640



125.0340, -61.6418, 78.0232

Inverse Universe

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



22.0010, 11.8315, -14.9099



24.3360, 17.0894, -21.3427



10.2610, 17.6193, -4.6139



21.8150, 0.5842, -0.7148



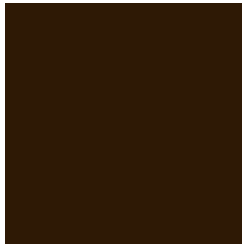
35.7460, 25.2682, -31.3492



88.9660, 61.6418, -78.0232

Previews

White Background



This preview shows how the YUV color 28.9990, -11.8315, 14.9099 looks on a white background.

Color Contrast Check

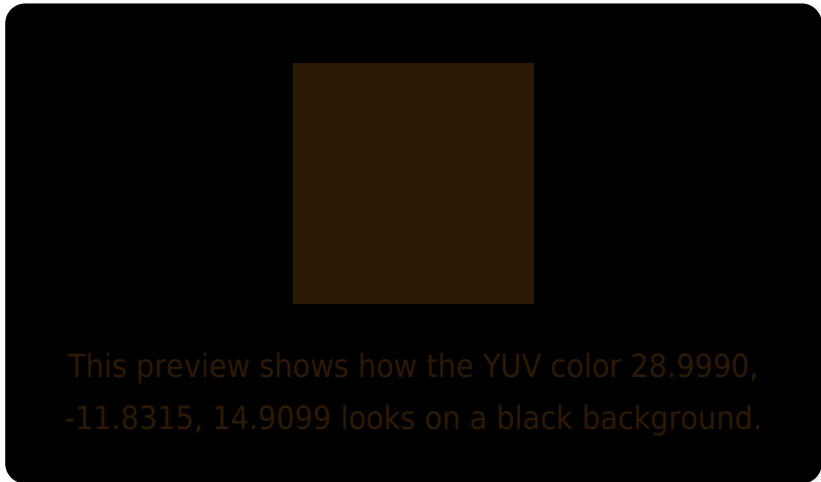
Large Text (above 18pt) WCAG AA ✓ Pass

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

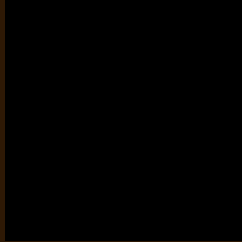
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9990, -11.8315, 14.9099

Background



This preview shows how black text looks on a background with the YUV color 28.9990, -11.8315, 14.9099.

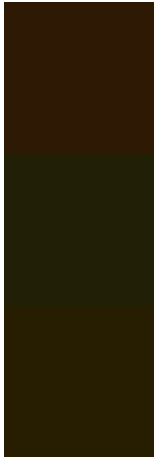


This preview shows how white text looks on a background with the YUV color 28.9990, -11.8315,

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

28.9990, -11.8315, 14.9099

Protanopia

29.1610, -10.9254, 4.2438

Deuteranopia

28.6840, -14.1412, 9.0471



Tritanopia

30.4040, -2.6642, 14.5547

Trichromacy



Original Color

28.9990, -11.8315, 14.9099

Protanomaly

29.0690, -11.3730, 7.8325

Deuteranomaly

29.2220, -13.4204, 11.2063

Tritanomaly

30.1930, -6.0111, 14.7397

Monochromacy



Original Color

28.9990, -11.8315, 14.9099

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9990, -11.8315, 14.9099 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(46, 25, 5)` looks like.

```
.text, #text, p{  
    color:rgb(46, 25, 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(46, 25, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 25, 5) }
```

Border

The CSS property to change the border of an element to YUV 28.9990, -11.8315, 14.9099 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(46, 25, 5) }
```


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

```
.border{ border-color:rgb(46, 25, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 25, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 25, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 25, 5); box-shadow:4px  
4px 4px 4px rgb(46, 25, 5) }
```

Background

The CSS property to change the background color of an element to YUV 28.9990, -11.8315, 14.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 25, 5) }
```

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

```
.background{ background-color: rgb(46, 25,  
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](#).

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