

Converting Colors

YUV(30.9910, -2.9536, 14.0399)

Have a look what the booklet for
YUV(30.9910, -2.9536, 14.0399)
contains.

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Color

**YUV(30.9910, -2.9536,
14.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1819
RGB	47, 24, 25
RGB Percent	18%, 9%, 10%
CMY	0.8157, 0.9059, 0.9020
CMYK	0.00, 0.49, 0.47, 0.82
HSL	357°, 32%, 14%
HSV	357°, 49%, 18%
XYZ	1.6744, 1.3278, 1.0877
YIQ	30.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

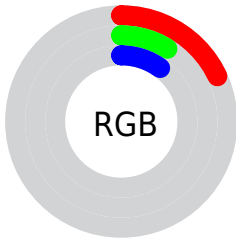
Format	Color
R_YB	47, 24, 25
Decimal	3086361
CIE Lab	11.47, 11.70, 4.29
CIE LCh	11, 12.461, 20.114
Yxy	1.3278, 0.4094, 0.3246
Android (android.graphics.Color)	4281276441 (0xFF2F1819)
YUV	30.9910, -2.9536, 14.0399
Hunter-Lab	11.5230, 5.7724, 2.4693

Details

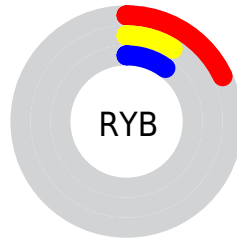
The YUV color **30.9910, -2.9536, 14.0399** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.0090, 2.9536, -14.0399**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.1870, -3.5432, 16.4990**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.6000, -3.2538, 17.0138**, and if you desaturate by 10%, it is **34.3820, -2.6533, 11.0660**.

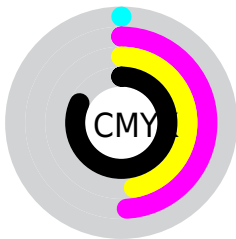
Distribution



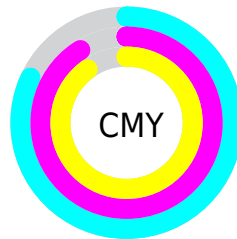
- Red (18%)
- Green (9%)
- Blue (10%)



- Red (18%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (47%)
- Black (82%)



- Cyan (82%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9910, -2.9536, 14.0399 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 30.9910, -2.9536, 14.0399 by changing the saturation by 10% instead.

■ 30.9910, -2.9536,
14.0399

■ 30.9910, -2.9536,
14.0399

■ 252.1960, -0.5896,
2.4591

■ 8.3720, -4.1274,
17.2138

■ 75.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 99.3720, -4.1274,
17.2138

■ 124.6710, -4.2748,
17.8285

■ 150.2690, -4.5696,
19.0581

■ 177.5680, -4.7170,
19.6729

■ 204.8670, -4.8644,

20.2876

■ 232.5680, -4.7170,
19.6729

■ 30.9910, -2.9536,
14.0399

■ 30.9910, -2.9536,
14.0399

■ 27.6000, -3.2538,
17.0138

■ 34.3820, -2.6533,
11.0660

■ 24.6820, -4.2802,
19.5729

■ 37.3000, -1.6269,
8.5069

■ 21.2910, -4.5805,
22.5468

■ 40.6910, -1.3267,
5.5330

■ 17.7860, -5.3175,
25.6207

■ 44.1960, -0.5896,
2.4591

■ 14.3950, -5.6177,
28.5946

■ 47.5870, -0.2894,
-0.5148

■ 14.2810, -6.0545,
28.6946

■ 50.5050, 0.7370,
-3.0739

■ 53.8960, 1.0373,
-6.0478

■ 57.4010, 1.7743,
-9.1217

■ 60.2050, 2.3639,
-11.5808

Harmonies

Analogous

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



31.4190, 1.2724, 11.9105



30.9910, -2.9536, 14.0399



30.6550, -6.7319, 12.5806

Triad

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



30.9910, -2.9536, 14.0399



28.4030, -4.6357, -6.4924



28.0290, 9.3527, -13.1804

Complementary

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



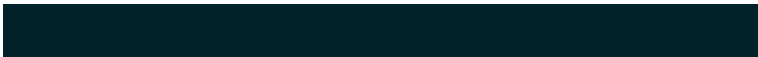
30.9910, -2.9536, 14.0399



40.0090, 2.9536, -14.0399

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.



25.1590, 8.7956, -21.1874



30.9910, -2.9536, 14.0399



26.3140, 0.3382, -15.1844

Square

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



30.9910, -2.9536, 14.0399



29.5350, -8.1518, 1.2848



24.9480, 5.4486, -21.0024



30.3400, 7.7204, -2.9292

Rectangle

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



30.9910, -2.9536, 14.0399



30.1770, -8.4683, 9.4918



24.9480, 5.4486, -21.0024



26.7080, 9.5110, -17.2839

Sweetspot

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



30.9910, -2.9536, 14.0399



54.6910, -1.3267, 5.5330



33.2000, 6.8034, 11.2256



26.7940, -0.8844, 3.6887



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.



30.9910, -2.9536, 14.0399



35.9920, -4.4331, 21.9320



36.7470, -6.2843, 8.9919



21.5980, -0.2948, 1.2296



26.4690, -11.0772, 53.0857



65.0120, -27.6139, 130.6625

Inverse Universe

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



30.9910, -2.9536, 14.0399



35.9920, -4.4331, 21.9320



34.2530, 6.2843, -8.9919



21.5980, -0.2948, 1.2296



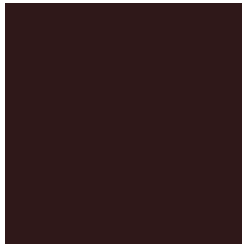
26.4690, -11.0772, 53.0857



65.0120, -27.6139, 130.6625

Previews

White Background



This preview shows how the YUV color 30.9910, -2.9536, 14.0399 looks on a white background.

Color Contrast Check

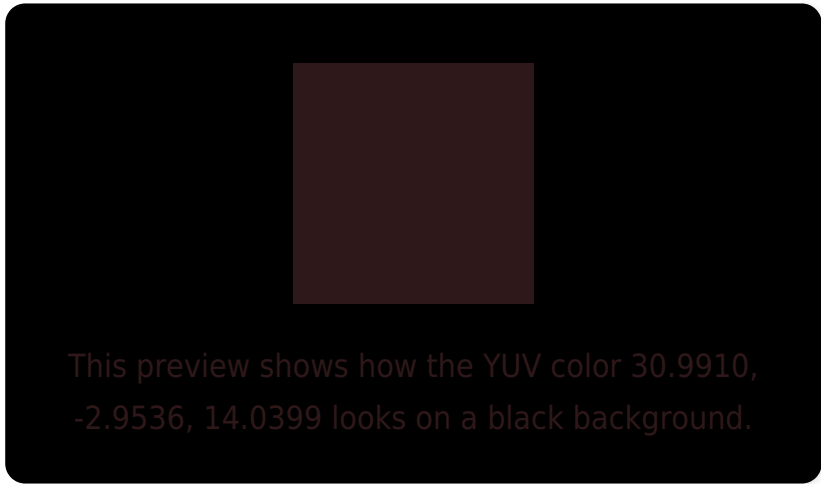
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9910, -2.9536, 14.0399

Background



This preview shows how black text looks on a background with the YUV color 30.9910, -2.9536, 14.0399.

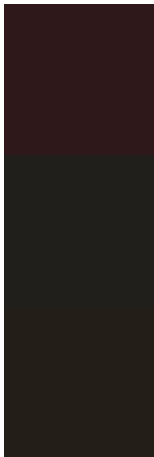


This preview shows how white text looks on a background with the YUV color 30.9910, -2.9536,

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

30.9910, -2.9536, 14.0399

Protanopia

30.9570, -1.4578, 0.9147

Deuteranopia

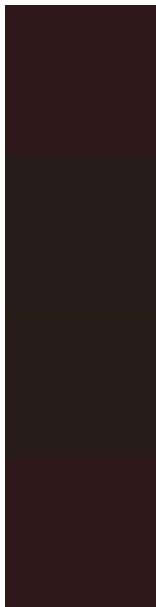
31.1100, -3.5052, 4.2885



Tritanopia

31.1050, -2.5168, 13.9399

Trichromacy



Original Color

30.9910, -2.9536, 14.0399

Protanomaly

30.5770, -1.7635, 5.6330

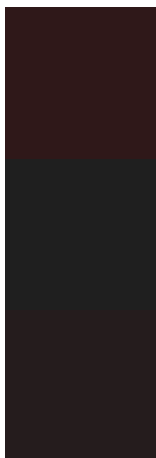
Deuteranomaly

31.1320, -3.5161, 7.7772

Tritanomaly

31.1050, -2.5168, 13.9399

Monochromacy



Original Color

30.9910, -2.9536, 14.0399

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8050, -0.8899, 5.4330

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9910, -2.9536, 14.0399 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(47, 24, 25)` looks like.

```
.text, #text, p{  
    color:rgb(47, 24, 25)  
}
```

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(47, 24, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 24, 25) }
```

Border

The CSS property to change the border of an element to YUV 30.9910, -2.9536, 14.0399 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(47, 24, 25) }
```


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

```
.border{ border-color:rgb(47, 24, 25) }
```

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

Here you see how a box with a 4 pixel rgb(47, 24, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 24, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 24, 25);  
box-shadow:4px 4px 4px 4px rgb(47, 24, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.9910, -2.9536, 14.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 24, 25) }
```

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

```
.background{ background-color: rgb(47, 24,  
25) }
```

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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