

Converting Colors

YUV(28.1130, -11.3947,
14.8099)

Have a look what the booklet for
YUV(28.1130, -11.3947, 14.8099)
contains.

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Color

**YUV(28.1130, -11.3947,
14.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1805
RGB	45, 24, 5
RGB Percent	18%, 9%, 2%
CMY	0.8235, 0.9059, 0.9804
CMYK	0.00, 0.47, 0.89, 0.82
HSL	28°, 80%, 10%
HSV	28°, 89%, 18%
XYZ	1.4362, 1.2221, 0.3038
YIQ	28.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

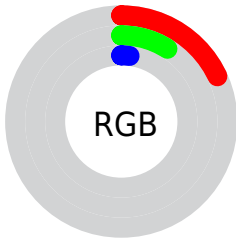
Format	Color
RYB	45, 41, 5
Decimal	2955269
CIELab	10.72, 8.44, 14.14
CIELCh	11, 16.466, 59.154
Yxy	1.2221, 0.4849, 0.4126
Android (android.graphics.Color)	4281145349 (0xFF2D1805)
YUV	28.1130, -11.3947, 14.8099
Hunter-Lab	11.0549, 3.8439, 6.1092

Details

The YUV color **28.1130, -11.3947, 14.8099** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.8870, 11.3947, -14.8099**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6510, -10.6739, 16.9691**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4830, -12.5631, 16.2394**, and if you desaturate by 10%, it is **29.8570, -9.7895, 13.2804**.

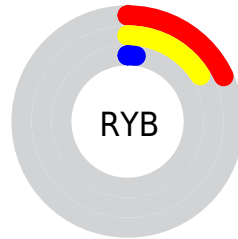
Distribution



Red (18%)

Green (9%)

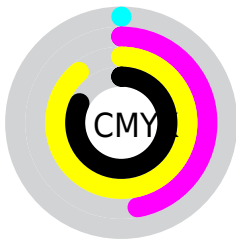
Blue (2%)



Red (18%)

Yellow (16%)

Blue (2%)

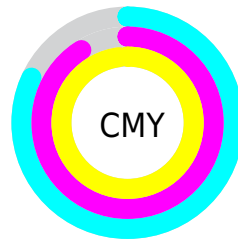


Cyan (0%)

Magenta (47%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (91%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1130, -11.3947, 14.8099 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 28.1130, -11.3947, 14.8099 by changing the saturation by 10% instead.

■ 28.1130, -11.3947,
14.8099

■ 28.1130, -11.3947,
14.8099

■ 249.8020, -9.7624,
4.5586

■ 6.5780, -3.2430,
13.5251

■ 72.6510, -10.6739,
16.9691

■ 0.0000, 0.0000,
0.0000

■ 96.1350, -11.4056,
18.2986

■ 121.6190,
-12.1372, 19.6281


■ 147.5050,
-12.5740, 19.7281


■ 174.1030,
-12.8688, 20.9577


■ 201.2880,


-13.4530, 21.6724


 229.5870,
-13.6004, 22.2872


 28.1130, -11.3947,
14.8099


 28.1130, -11.3947,
14.8099


 26.4830, -12.5631,
16.2394


 29.8570, -9.7895,
13.2804

 25.7820, -12.7105,
16.8542

 32.0740, -8.9105,
11.3361

 33.8180, -7.3053,
9.8066

 35.4480, -6.1369,
8.3771

 37.7790, -4.8210,
6.3328

■ 39.4090, -3.6526,
4.9033

■ 41.7400, -2.3368,
2.8590

■ 43.3700, -1.1684,
1.4295

■ 45.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



28.4430, -5.1484, 18.0285



28.1130, -11.3947, 14.8099



27.4990, -13.5570, 8.3324

Triad

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



28.1130, -11.3947, 14.8099



23.7370, 2.1017, -20.8173



29.4050, 9.1673, -0.3552

Complementary

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



28.1130, -11.3947, 14.8099



21.8870, 11.3947, -14.8099

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.



25.5170, 12.5631, -16.2394



28.1130, -11.3947, 14.8099



24.4040, 7.1958, -21.4023

Square

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



28.1130, -11.3947, 14.8099



24.7720, -4.3246, -12.9550



24.8430, 11.4164, -21.7873



30.1460, 5.3510, 10.3960

Rectangle

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



28.1130, -11.3947, 14.8099



26.6940, -12.6671, 2.8994



24.8430, 11.4164, -21.7873



29.0130, 10.3466, -5.2734

Sweetspot

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



28.1130, -11.3947, 14.8099



51.8930, -4.3842, 6.2328



19.3540, 3.2765, 22.4915



26.3380, -2.6316, 4.0886



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.



28.1130, -11.3947, 14.8099



34.0770, -16.8000, 21.8575



39.8530, -17.1825, 4.5139



22.1850, -0.5842, 0.7148



50.0800, -24.6894, 32.3788



123.8600, -61.0630, 79.0528

Inverse Universe

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



21.8870, 11.3947, -14.8099



24.9230, 16.8000, -21.8575



10.1470, 17.1825, -4.5139



21.8150, 0.5842, -0.7148



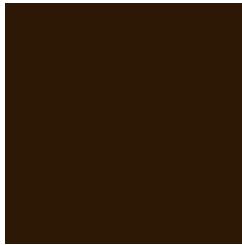
36.9200, 24.6894, -32.3788



90.1400, 61.0630, -79.0528

Previews

White Background



This preview shows how the YUV color 28.1130, -11.3947, 14.8099 looks on a white background.

Color Contrast Check

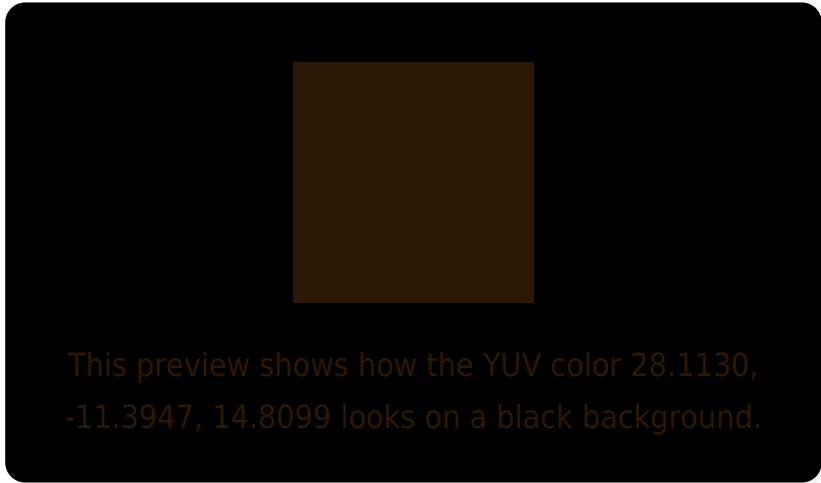
Large Text (above 18pt) WCAG AA ✓ Pass

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

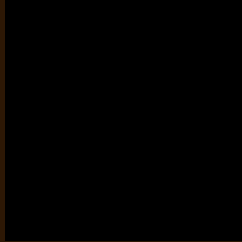
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1130, -11.3947, 14.8099

Background



This preview shows how black text looks on a background with the YUV color 28.1130, -11.3947, 14.8099.

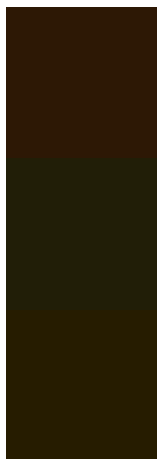


This preview shows how white text looks on a background with the YUV color 28.1130, -11.3947,

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

28.1130, -11.3947, 14.8099

Protanopia

28.2750, -10.4886, 4.1438

Deuteranopia

27.7980, -13.7044, 8.9472



Tritanopia

29.4040, -2.6642, 14.5547

Trichromacy



Original Color

28.1130, -11.3947, 14.8099

Protanomaly

28.1830, -10.9362, 7.7325

Deuteranomaly

28.3360, -12.9836, 11.1063

Tritanomaly

29.1930, -6.0111, 14.7397

Monochromacy



Original Color

28.1130, -11.3947, 14.8099

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2950, -4.0894, 5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1130, -11.3947, 14.8099 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(45, 24, 5)` looks like.

```
.text, #text, p{  
    color:rgb(45, 24, 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(45, 24, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 24, 5) }
```

Border

The CSS property to change the border of an element to YUV 28.1130, -11.3947, 14.8099 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(45, 24, 5) }
```


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

```
.border{ border-color:rgb(45, 24, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 24, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 24, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 24, 5); box-shadow:4px  
4px 4px 4px rgb(45, 24, 5) }
```

Background

The CSS property to change the background color of an element to YUV 28.1130, -11.3947, 14.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 24, 5) }
```

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

```
.background{ background-color: rgb(45, 24,  
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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