

Converting Colors

YUV(28.1130, 8.8183, 18.3179)

Have a look what the booklet for
YUV(28.1130, 8.8183, 18.3179)
contains.

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Color

**YUV(28.1130, 8.8183,
18.3179)**

Conversions

Conversions Part 1

Format	Color
Hex	310E2E
RGB	49, 14, 46
RGB Percent	19%, 5%, 18%
CMY	0.8078, 0.9451, 0.8196
CMYK	0.00, 0.71, 0.06, 0.81
HSL	305°, 56%, 12%
HSV	305°, 71%, 19%
XYZ	1.9168, 1.1643, 2.7085
YIQ	28.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

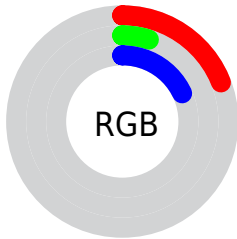
Format	Color
R_YB	49, 14, 46
Decimal	3214894
CIE Lab	10.29, 22.77, -13.05
CIE LCh	10, 26.248, 330.179
Yxy	1.1643, 0.3311, 0.2011
Android (android.graphics.Color)	4281404974 (0xFF310E2E)
YUV	28.1130, 8.8183, 18.3179
Hunter-Lab	10.7903, 12.8261, -7.3292

Details

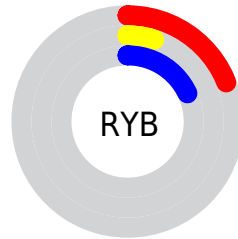
The YUV color **28.1130, 8.8183, 18.3179** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.8870, -8.8183, -18.3179**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5370, 9.1023, 20.5771**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.1780, 10.2652, 20.8919**, and if you desaturate by 10%, it is **31.0480, 7.3713, 15.7439**.

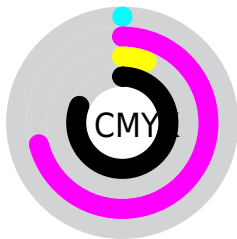
Distribution



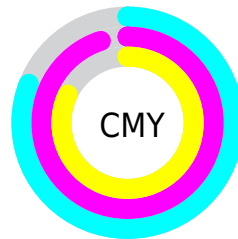
- Red (19%)
- Green (5%)
- Blue (18%)



- Red (19%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (6%)
- Black (81%)



- Cyan (81%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1130, 8.8183, 18.3179 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, 8.8183, 18.3179 by changing the saturation by 10% instead.

■ 28.1130, 8.8183,
18.3179

■ 28.1130, 8.8183,
18.3179

■ 247.3690, 3.7621,
6.6924

■ 12.2330, 6.7871,
16.4587

■ 73.5370, 9.1023,
20.5771

■ 0.0000, 0.0000,
0.0000

■ 97.9500, 9.3917,
21.0919

■ 122.6620, 9.5336,
22.2214

■ 149.0750, 9.8230,
22.7362

■ 175.7870, 9.9650,
23.8658

■ 203.2000, 10.2544,

24.3806

230.1180, 11.2808,
21.8215

28.1130, 8.8183,
18.3179

28.1130, 8.8183,
18.3179

25.1780, 10.2652,
20.8919

31.0480, 7.3713,
15.7439

22.1290, 11.2754,
23.5659

34.0970, 6.3612,
13.0699

19.7810, 12.4330,
25.6251

37.0320, 4.9142,
10.4959

40.0810, 3.9041,
7.8220

43.0160, 2.4571,
5.2480

■ 45.4780, 1.7363,
3.0888

■ 48.4130, 0.2894,
0.5148

■ 51.3480, -1.1576,
-2.0592

■ 54.3970, -2.1677,
-4.7332

Harmonies

Analogous

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



28.3000, 15.1351, -1.1401



28.1130, 8.8183, 18.3179



25.3440, 1.8024, 28.6393

Triad

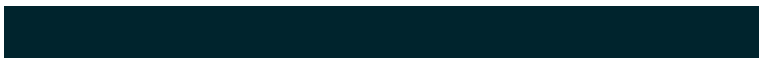
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1130, 8.8183, 18.3179



26.6130, -13.1202, 8.2324



26.2620, 9.2378, -23.0318

Complementary

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



28.1130, 8.8183, 18.3179



34.8870, -8.8183, -18.3179

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.



24.9110, 1.5229, -21.8469



28.1130, 8.8183, 18.3179



24.7640, -12.2087, -4.1780

Square

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



28.1130, 8.8183, 18.3179



26.6900, -13.1582, 20.4429



21.1150, -7.9447, -18.5179



26.6840, 15.9318, -23.4019

Rectangle

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



28.1130, 8.8183, 18.3179



24.7480, -4.3128, 30.0390



21.1150, -7.9447, -18.5179



26.2790, 6.7645, -23.0467

Sweetspot

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



28.1130, 8.8183, 18.3179



55.6680, 3.6147, 7.3072



18.8870, 14.8457, -1.6549



28.1900, 1.8783, 4.2184



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.



28.1130, 8.8183, 18.3179



31.1450, 13.7325, 28.8138



26.1750, 1.3927, 20.0175



24.1250, 0.4314, 1.6444



35.9590, 22.6982, 46.5170



87.4550, 54.4987, 113.6110

Inverse Universe

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



28.1130, 8.8183, 18.3179



31.1450, 13.7325, 28.8138



36.8250, -1.3927, -20.0175



24.1250, 0.4314, 1.6444



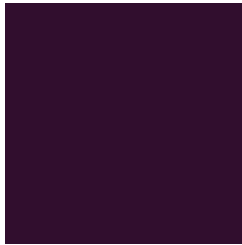
35.9590, 22.6982, 46.5170



87.4550, 54.4987, 113.6110

Previews

White Background



This preview shows how the YUV color 28.1130, 8.8183, 18.3179 looks on a white background.

Color Contrast Check

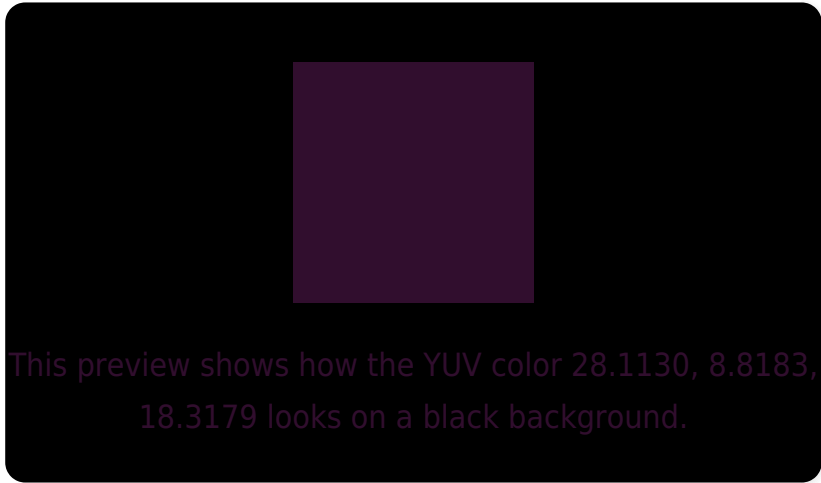
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.8183, 18.3179

Background



This preview shows how black text looks on a background with the YUV color 28.1130, 8.8183, 18.3179.



This preview shows how white text looks on a background with the YUV color 28.1130, 8.8183,

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, 8.8183, 18.3179

Protanopia

26.4400, 16.0521, -15.2949

Deuteranopia

28.9160, 7.4364, -5.1883



Tritanopia

29.5890, -3.2484, 15.2694

Trichromacy



Original Color

28.1130, 8.8183, 18.3179

Protanomaly

27.4200, 13.1039, -2.9993

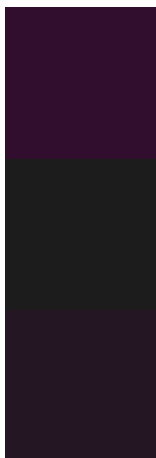
Deuteranomaly

28.7860, 7.9935, 2.8187

Tritanomaly

29.0390, 0.9668, 16.6288

Monochromacy



Original Color

28.1130, 8.8183, 18.3179

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1130, 8.8183, 18.3179 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, 14, 46)` looks like.

```
.text, #text, p{  
    color:rgb(49, 14, 46)  
}
```

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, 14, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 14, 46) }
```

Border

The CSS property to change the border of an element to YUV 28.1130, 8.8183, 18.3179 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, 14, 46) }
```


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

```
.border{ border-color:rgb(49, 14, 46) }
```

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

Here you see how a box with a 4 pixel rgb(49, 14, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 14, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 14, 46);  
box-shadow:4px 4px 4px 4px rgb(49, 14, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1130, 8.8183, 18.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 14, 46) }
```

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

```
.background{ background-color: rgb(49, 14,  
46) }
```

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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