

Converting Colors

YUV(29.0160, -14.3049,
14.8950)

Have a look what the booklet for
YUV(29.0160, -14.3049, 14.8950)
contains.

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Color

**YUV(29.0160, -14.3049,
14.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1A00
RGB	46, 26, 0
RGB Percent	18%, 10%, 0%
CMY	0.8196, 0.8980, 1.0000
CMYK	0.00, 0.43, 1.00, 0.82
HSL	34°, 100%, 9%
HSV	34°, 100%, 18%
XYZ	1.4961, 1.3196, 0.1759
YIQ	29.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

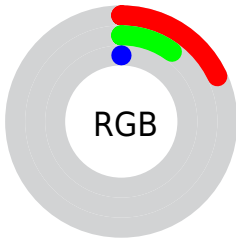
Format	Color
RYB	35, 46, 0
Decimal	3021312
CIELab	11.41, 7.15, 17.16
CIElCh	11, 18.591, 67.374
Yxy	1.3196, 0.5001, 0.4411
Android (android.graphics.Color)	4281211392 (0xFF2E1A00)
YUV	29.0160, -14.3049, 14.8950
Hunter-Lab	11.4875, 3.1443, 7.1336

Details

The YUV color **29.0160, -14.3049, 14.8950** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16.9840, 14.3049, -14.8950**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.6680, -13.1473, 16.9542**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0160, -14.3049, 14.8950**, and if you desaturate by 10%, it is **30.7600, -12.6997, 13.3655**.

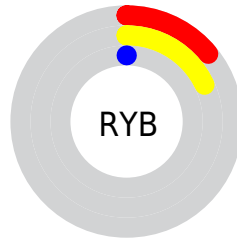
Distribution



Red (18%)

Green (10%)

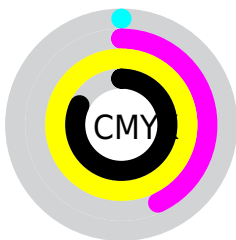
Blue (0%)



Red (14%)

Yellow (18%)

Blue (0%)

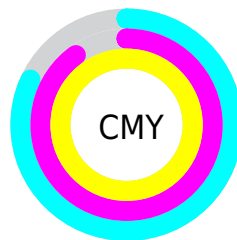


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0160, -14.3049, 14.8950 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 29.0160, -14.3049, 14.8950 by changing the saturation by 10% instead.

■ 29.0160, -14.3049,
14.8950

■ 29.0160, -14.3049,
14.8950

■ 250.5200,
-12.0884, 3.9290

■ 6.5780, -3.2430,
13.5251

■ 73.6680, -13.1473,
16.9542

■ 0.0000, 0.0000,
0.0000

■ 98.1520, -13.8789,
18.2837

■ 122.7500,
-14.1738, 19.5132


■ 148.8210,
-15.1948, 20.3280


■ 175.4190,
-15.4896, 21.5575


■ 203.3050,


-15.9264, 21.6575


 230.8920,
-16.2158, 21.1427


 29.0160, -14.3049,
14.8950

 30.7600, -12.6997,
13.3655

 32.3900, -11.5313,
11.9360

 34.1340, -9.9261,
10.4065

 35.7640, -8.7577,
8.9770

 37.5080, -7.1524,
7.4475

■ 39.2520, -5.5472,
5.9180

■ 40.8820, -4.3788,
4.4885

■ 42.6260, -2.7736,
2.9590

■ 44.2560, -1.6052,
1.5295

Harmonies

Analogous

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



29.4710, -7.6272, 19.7579



29.0160, -14.3049, 14.8950



28.9610, -14.2778, 6.1732

Triad

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



29.0160, -14.3049, 14.8950



25.4810, 3.7069, -22.3468



31.5410, 9.5933, 3.0335

Complementary

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



29.0160, -14.3049, 14.8950



16.9840, 14.3049, -14.8950

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.



28.0550, 13.2839, -14.0802



29.0160, -14.3049, 14.8950



26.2620, 9.2378, -23.0318

Square

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



29.0160, -14.3049, 14.8950



24.0100, -1.9769, -19.3028



26.1140, 13.7478, -22.9020



31.2390, 4.3192, 14.6994

Rectangle

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



29.0160, -14.3049, 14.8950



27.5580, -13.0931, -0.4894



26.1140, 13.7478, -22.9020



30.5620, 11.0619, -1.3699

Sweetspot

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



29.0160, -14.3049, 14.8950



52.2520, -5.5472, 5.9180



16.1480, 2.3920, 26.1802



26.8110, -3.3578, 3.6738



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.



29.0160, -14.3049, 14.8950



37.0120, -18.2469, 19.2835



40.1580, -19.7979, 3.3694



22.1850, -0.5842, 0.7148



54.7760, -27.0046, 28.2604



135.0130, -66.5614, 69.2716

Inverse Universe

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



16.9840, 14.3049, -14.8950



21.9880, 18.2469, -19.2835



5.8420, 19.7979, -3.3694



21.8150, 0.5842, -0.7148



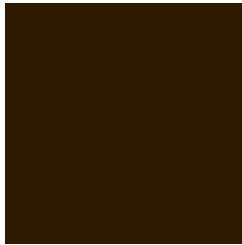
32.2240, 27.0046, -28.2604



78.9870, 66.5614, -69.2716

Previews

White Background



This preview shows how the YUV color 29.0160, -14.3049, 14.8950 looks on a white background.

Color Contrast Check

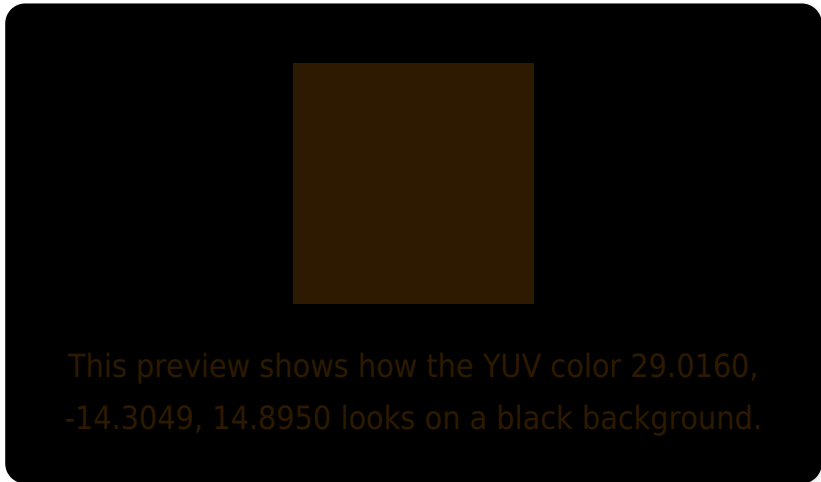
Large Text (above 18pt) WCAG AA ✓ Pass

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

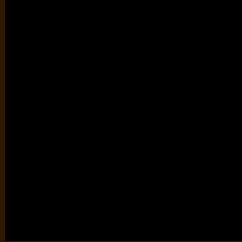
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0160, -14.3049, 14.8950

Background



This preview shows how black text looks on a background with the YUV color 29.0160, -14.3049, 14.8950.

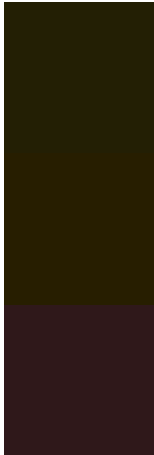


This preview shows how white text looks on a background with the YUV color 29.0160, -14.3049,

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



Protanopia

29.1180, -12.3832, 5.1585

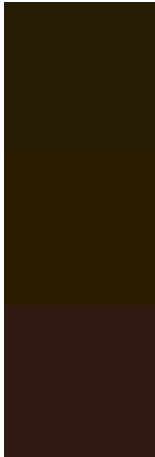
Deuteranopia

29.2710, -14.4306, 8.5323

Tritanopia

31.1050, -2.5168, 13.9399

Trichromacy



Protanomaly

29.0260, -12.8308, 8.7472

Deuteranomaly

29.5810, -14.5834, 10.8915

Tritanomaly

30.6660, -6.7373, 14.3249

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0160, -14.3049, 14.8950 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, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 26, 0)  
}
```

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, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 26, 0) }
```

Border

The CSS property to change the border of an element to YUV 29.0160, -14.3049, 14.8950 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, 26, 0) }
```

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

```
.border{ border-color:rgb(46, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 26, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 26, 0); box-shadow:4px  
4px 4px 4px rgb(46, 26, 0) }
```


Background

The CSS property to change the background color of an element to YUV 29.0160, -14.3049, 14.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 26, 0) }
```

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

```
.background{ background-color: rgb(46, 26,  
0) }
```

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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