

# Converting Colors

YUV(31.5080, -14.0544,  
-18.8625)

Have a look what the booklet for  
YUV(31.5080, -14.0544, -18.8625)  
contains.

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# Color

**YUV(31.5080, -14.0544,  
-18.8625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A3003
RGB	10, 48, 3
RGB Percent	4%, 19%, 1%
CMY	0.9608, 0.8118, 0.9882
CMYK	0.79, 0.00, 0.94, 0.81
HSL	111°, 88%, 10%
HSV	111°, 94%, 19%
XYZ	1.1986, 2.1850, 0.4447
YIQ	31.5080, -8.2030, -22.0510

# Conversions

## Conversions Part 2

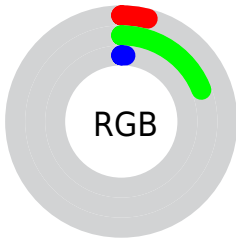
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 48, 41
Decimal	667651
CIE Lab	16.43, -23.40, 21.97
CIE LCh	16, 32.097, 136.815
Yxy	2.1850, 0.3131, 0.5708
Android (android.graphics.Color)	4278857731 (0xFF0A3003)
YUV	31.5080, -14.0544, -18.8625
Hunter-Lab	14.7818, -11.3946, 8.5634

# Details

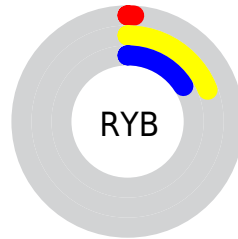
The YUV color **31.5080, -14.0544, -18.8625** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.4920, 14.0544, 18.8625**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.3940, -14.4912, -18.7625**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.2690, -14.9226, -20.4069**, and if you desaturate by 10%, it is **33.2740, -12.4601, -16.9033**.

# Distribution



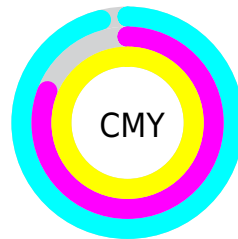
- Red (4%)
- Green (19%)
- Blue (1%)



- Red (1%)
- Yellow (19%)
- Blue (16%)



- Cyan (79%)
- Magenta (0%)
- Yellow (94%)
- Black (81%)



- Cyan (96%)
- Magenta (81%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 31.5080, -14.0544, -18.8625 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 31.5080, -14.0544, -18.8625 by changing the saturation by 10% instead.



■ 31.5080, -14.0544,  
-18.8625

■ 31.5080, -14.0544,  
-18.8625

■ 248.5620, -9.1511,  
-4.8779

■ 17.0230, -8.3923,  
-14.9292

■ 78.3940, -14.4912,  
-18.7625

■ 0.0000, 0.0000,  
0.0000

■ 102.8670,  
-15.2174, -19.1774


■ 128.3400,  
-15.9436, -19.5922


■ 154.2260,  
-16.3804, -19.4922


■ 181.6990,  
-17.1066, -19.9070


■ 209.2860,


-17.3960, -20.4218


 236.5850,  
-17.5434, -19.8070


 31.5080, -14.0544,  
-18.8625


 31.5080, -14.0544,  
-18.8625


 30.2690, -14.9226,  
-20.4069

 33.2740, -12.4601,  
-16.9033

 35.0400, -10.8657,  
-14.9441

 36.6920, -9.7082,  
-12.8849

 38.4580, -8.1138,  
-10.9257

 40.2240, -6.5194,  
-8.9664

■ 41.9900, -4.9251,  
-7.0072

■ 43.7560, -3.3307,  
-5.0480

■ 45.4080, -2.1731,  
-2.9888

■ 47.1740, -0.5788,  
-1.0296

# Harmonies

## Analogous

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



37.2010, -18.3401, 2.4547



31.5080, -14.0544, -18.8625



32.6560, -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.



31.5080, -14.0544, -18.8625



36.6920, 23.8158, -32.1789



36.9170, -3.9031, 38.6608

# Complementary

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



31.5080, -14.0544, -18.8625



19.4920, 14.0544, 18.8625

# 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.



38.6310, 6.5909, 32.7726



31.5080, -14.0544, -18.8625



36.4700, 23.9253, -20.5832

# Square

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



31.5080, -14.0544, -18.8625



37.7860, 17.8535, -33.1383



41.6870, 14.9443, 13.4295



37.1430, -16.8325, 32.3236



# Rectangle

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



31.5080, -14.0544, -18.8625



35.0670, 4.8970, -30.7538



41.6870, 14.9443, 13.4295



36.5410, -0.2667, 38.9905

# Sweetspot

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



31.5080, -14.0544, -18.8625



54.8760, -5.3619, -6.9073



38.7610, -17.6302, 8.1026



27.0550, -3.4781, -4.4332



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.



31.5080, -14.0544, -18.8625



38.7970, -19.1269, -25.2550



31.1250, -6.4706, -24.6656



22.1740, -0.5788, -1.0296



54.9560, -27.0933, -36.7954



135.4850, -66.7941, -89.8793



# Inverse Universe

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



19.4920, 14.0544, 18.8625



22.5020, 18.9795, 25.8697



19.8750, 6.4706, 24.6656



21.8260, 0.5788, 1.0296



31.7450, 27.2407, 36.1806



78.5150, 66.7941, 89.8793



# Previews

## White Background



This preview shows how the YUV color 31.5080, -14.0544, -18.8625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

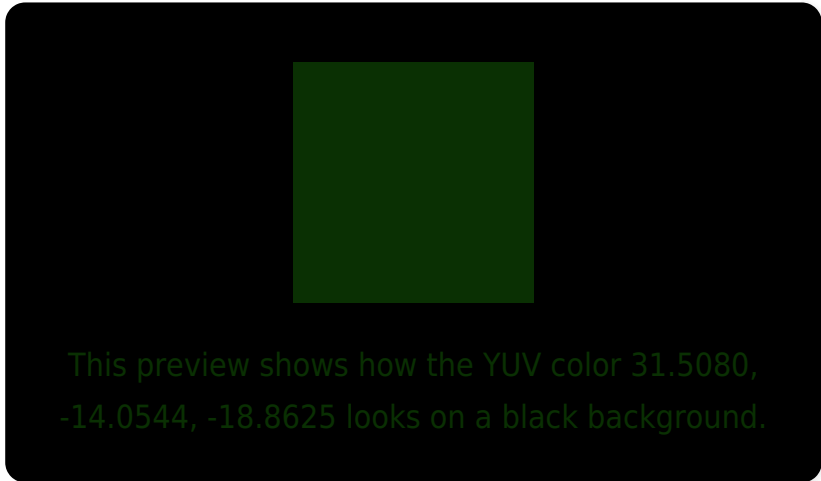
Any Text WCAG AA ✓ Pass

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

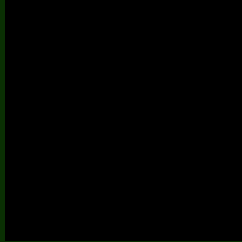
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 31.5080, -14.0544, -18.8625

## Background



This preview shows how black text looks on a background with the YUV color 31.5080, -14.0544, -18.8625.



This preview shows how white text looks on a background with the YUV color 31.5080, -14.0544,

-18.8625.

# 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

31.5080, -14.0544, -18.8625

### Protanopia

37.8210, -18.6458, 7.1730

### Deuteranopia

39.6950, -14.1466, 10.7915



## Tritanopia

38.4650, 4.7008, -14.4398

# Trichromacy



## Original Color

31.5080, -14.0544, -18.8625

## Protanomaly

35.8090, -17.1608, -2.4635

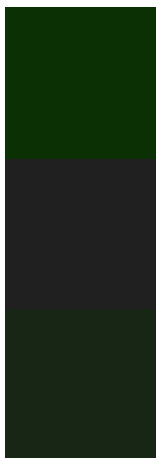
## Deuteranomaly

36.6290, -14.1141, 0.3254

## Tritanomaly

36.0320, -1.9878, -15.8141

# Monochromacy



## Original Color

31.5080, -14.0544, -18.8625

## Achromatopsia

32.0000, 0.0000, 0.0000

## Achromatomaly

31.8760, -5.3619, -6.9073

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 31.5080, -14.0544, -18.8625 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(10, 48, 3)` looks like.

```
.text, #text, p{  
    color:rgb(10, 48, 3)  
}
```

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(10, 48, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 48, 3) }
```

## Border

The CSS property to change the border of an element to YUV 31.5080, -14.0544, -18.8625 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(10, 48, 3) }
```



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

```
.border{ border-color:rgb(10, 48, 3) }
```

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

Here you see how a box with a 4 pixel rgb(10, 48, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 48, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(10, 48, 3); box-shadow:4px  
4px 4px 4px rgb(10, 48, 3) }
```

# Background

The CSS property to change the background color of an element to YUV 31.5080, -14.0544, -18.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 48, 3) }
```

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

```
.background{ background-color: rgb(10, 48,  
3) }
```

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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