

Converting Colors

YUV(14.8760, 31.6131,
-13.0463)

Have a look what the booklet for
YUV(14.8760, 31.6131, -13.0463)
contains.

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Color

**YUV(14.8760, 31.6131,
-13.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	000A4F
RGB	0, 10, 79
RGB Percent	0%, 4%, 31%
CMY	1.0000, 0.9608, 0.6902
CMYK	1.00, 0.87, 0.00, 0.69
HSL	232°, 100%, 15%
HSV	232°, 100%, 31%
XYZ	1.5198, 0.7816, 7.4679
YIQ	14.8760, -28.1090, 19.3390

Conversions

Conversions Part 2

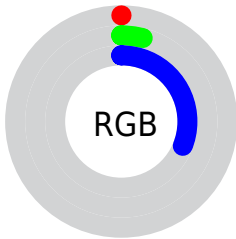
Format	Color
R_{YB}	0, 9, 79
Decimal	2639
CIE _{Lab}	7.06, 26.57, -42.11
CIE _{LCh}	7, 49.790, 302.251
Yxy	0.7816, 0.1556, 0.0800
Android (android.graphics.Color)	4278192719 (0xFF000A4F)
YUV	14.8760, 31.6131, -13.0463
Hunter-Lab	8.8408, 15.2146, -43.8942

Details

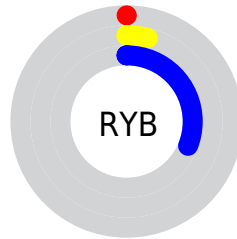
The YUV color **14.8760, 31.6131, -13.0463** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **64.1240, -31.6131, 13.0463**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.0670, 32.0120, -0.9358**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **14.8760, 31.6131, -13.0463**, and if you desaturate by 10%, it is **21.3770, 28.4081, -11.7316**.

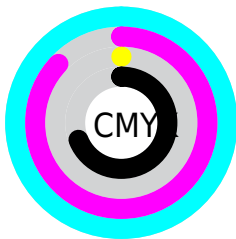
Distribution



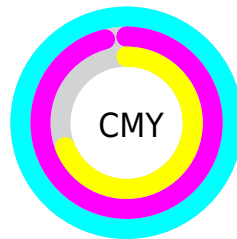
- Red (0%)
- Green (4%)
- Blue (31%)



- Red (0%)
- Yellow (4%)
- Blue (31%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.8760, 31.6131, -13.0463 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 14.8760, 31.6131, -13.0463 by changing the saturation by 10% instead.

■ 14.8760, 31.6131,
-13.0463

■ 14.8760, 31.6131,
-13.0463

■ 242.0860, 6.3666,
11.3256

■ 6.3840, 24.4607,
-5.5988

■ 64.0670, 32.0120,
-0.9358

■ 4.9360, 13.8356,
-4.3289

■ 88.4200, 33.3169,
0.5087

■ 0.6840, 2.6208,
-0.5999

■ 113.6590, 34.1851,
2.0531

■ 0.0000, 0.0000,
0.0000

■ 139.5990, 35.2007,
2.9827

■ 166.4250, 35.7795,
4.0123

■ 192.4700, 30.8273,

5.7268

■ 216.9900, 18.7389,
9.6558

■ 14.8760, 31.6131,
-13.0463

■ 21.3770, 28.4081,
-11.7316

■ 27.8780, 25.2031,
-10.4170

■ 34.3790, 21.9982,
-9.1024

■ 40.8800, 18.7932,
-7.7878

■ 46.7940, 15.8776,
-5.9583

■ 52.9960, 12.8200,
-5.2585

■ 59.4970, 9.6150,
-3.9439

■ 65.9980, 6.4100,
-2.6292

■ 72.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



26.1090, 31.4983, -22.8976



14.8760, 31.6131, -13.0463



23.6830, 14.4533, 30.9730

Triad

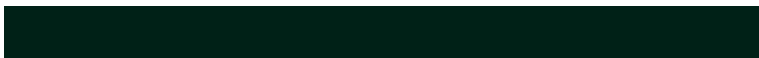
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8760, 31.6131, -13.0463



17.5970, -8.6753, 29.2944



21.9930, 0.4965, -19.2879

Complementary

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



14.8760, 31.6131, -13.0463



64.1240, -31.6131, 13.0463

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.



18.7840, -9.2605, -16.4736



14.8760, 31.6131, -13.0463



20.6880, -10.1992, 4.6586

Square

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



14.8760, 31.6131, -13.0463



20.3320, -10.0237, 41.8048



18.1970, -8.9711, -15.9588



26.4560, 15.0582, -23.2019

Rectangle

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



14.8760, 31.6131, -13.0463



24.8770, 3.5116, 40.4499



18.1970, -8.9711, -15.9588



19.6960, -5.7661, -17.2734

Sweetspot

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



14.8760, 31.6131, -13.0463



76.8820, 12.3832, -5.1585



54.1250, 6.8404, -47.4676



36.2260, 7.2836, -2.8292



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8760, 31.6131, -13.0463



19.2590, 40.7913, -16.8901



17.6770, 30.2322, 9.9303



35.0430, 1.4578, -0.9147



43.2430, 92.0712, -37.9241

Inverse Universe

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



24.7610, -7.2772, 47.5676



31.9800, -9.3571, 61.4075



61.3230, -30.2322, -9.9303



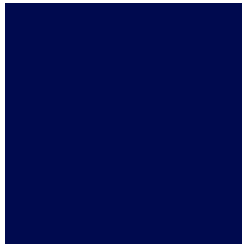
35.3100, -0.1528, 2.3591



72.0760, -21.2365, 138.4993

Previews

White Background



This preview shows how the YUV color 14.8760, 31.6131, -13.0463 looks on a white background.

Color Contrast Check

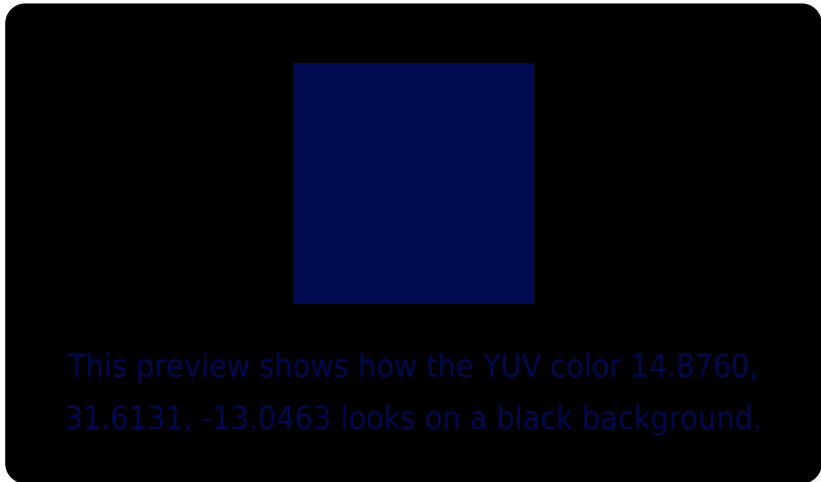
Large Text (above 18pt) WCAG AA ✓ Pass

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

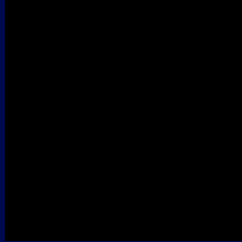
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.8760, 31.6131, -13.0463

Background



This preview shows how black text looks on a background with the YUV color 14.8760, 31.6131, -13.0463.



This preview shows how white text looks on a background with the YUV color 14.8760, 31.6131,

-13.0463.

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

19.9020, 15.3313, -17.4541

Deuteranopia

20.1640, 11.2581, -17.6838

Tritanopia

19.7420, 4.5642, -17.3137

Trichromacy



Protanomaly

18.1070, 21.1462, -15.8798

Deuteranomaly

18.1240, 18.6729, -15.8947

Tritanomaly

17.6850, 14.4523, -15.5097

Monochromacy



Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

14.9530, 11.3622, -4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.8760, 31.6131, -13.0463 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(0, 10, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 10, 79)  
}
```

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(0, 10, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 10, 79) }
```

Border

The CSS property to change the border of an element to YUV 14.8760, 31.6131, -13.0463 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(0, 10, 79) }
```

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

```
.border{ border-color:rgb(0, 10, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 10, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 10, 79); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 10, 79); box-shadow:4px  
4px 4px 4px rgb(0, 10, 79) }
```

Background

The CSS property to change the background color of an element to YUV 14.8760, 31.6131, -13.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 10, 79) }
```

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

```
.background{ background-color: rgb(0, 10,  
79) }
```

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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