

Converting Colors

YUV(31.4590, -13.0443,
-16.1885)

Have a look what the booklet for
YUV(31.4590, -13.0443, -16.1885)
contains.

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Color

**YUV(31.4590, -13.0443,
-16.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2E05
RGB	13, 46, 5
RGB Percent	5%, 18%, 2%
CMY	0.9490, 0.8196, 0.9804
CMYK	0.72, 0.00, 0.89, 0.82
HSL	108°, 80%, 10%
HSV	108°, 89%, 18%
XYZ	1.1704, 2.0505, 0.4777
YIQ	31.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

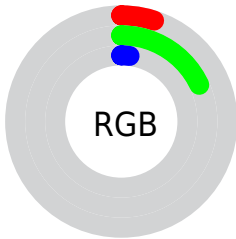
Format	Color
RYB	5, 46, 38
Decimal	863749
CIELab	15.75, -21.39, 20.32
CIELCh	16, 29.508, 136.471
Yxy	2.0505, 0.3164, 0.5544
Android (android.graphics.Color)	4279053829 (0xFF0D2E05)
YUV	31.4590, -13.0443, -16.1885
Hunter-Lab	14.3196, -10.4702, 8.0459

Details

The YUV color **31.4590, -13.0443, -16.1885** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.5410, 13.0443, 16.1885**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3450, -13.4811, -16.0886**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.6930, -14.6386, -18.1478**, and if you desaturate by 10%, it is **33.2250, -11.4499, -14.2293**.

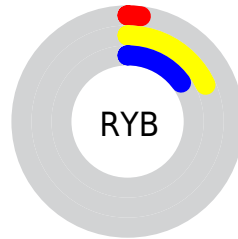
Distribution



Red (5%)

Green (18%)

Blue (2%)



Red (2%)

Yellow (18%)

Blue (15%)

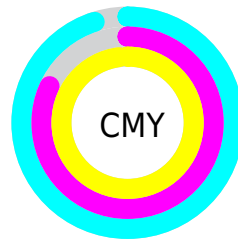


Cyan (72%)

Magenta (0%)

Yellow (89%)

Black (82%)



Cyan (95%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4590, -13.0443, -16.1885 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 31.4590, -13.0443, -16.1885 by changing the saturation by 10% instead.

■ 31.4590, -13.0443,
-16.1885

■ 31.4590, -13.0443,
-16.1885

■ 248.9750, -8.8617,
-4.3631

■ 15.8490, -7.8136,
-13.8996

■ 77.3450, -13.4811,
-16.0886

■ 0.0000, 0.0000,
0.0000

■ 101.8180,
-14.2073, -16.5034


■ 127.2910,
-14.9335, -16.9182

■ 153.5790,
-15.0754, -18.0478

■ 180.3510,
-15.9490, -17.8478


■ 207.9380,


-16.2384, -18.3626


 236.5250,
-16.5278, -18.8774


 31.4590, -13.0443,
-16.1885


 31.4590, -13.0443,
-16.1885


 29.6930, -14.6386,
-18.1478

 33.2250, -11.4499,
-14.2293

 34.5780, -10.1450,
-12.7849

 36.3440, -8.5506,
-10.8257

 37.9960, -7.3930,
-8.7665

 39.7620, -5.7987,
-6.8073

■ 41.2290, -4.0569,
-5.4628

■ 42.8810, -2.8993,
-3.4036

■ 44.6470, -1.3050,
-1.4444

■ 46.0000, 0.0000,
0.0000

Harmonies

Analogous

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



36.3150, -17.9033, 2.3547



31.4590, -13.0443, -16.1885



31.4820, -1.2236, -27.6097

Triad

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



31.4590, -13.0443, -16.1885



34.9480, 22.2106, -30.6494



36.5960, -3.7448, 34.5573

Complementary

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



31.4590, -13.0443, -16.1885



19.5410, 13.0443, 16.1885

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.



38.3810, 5.7282, 29.4839



31.4590, -13.0443, -16.1885



36.2100, 21.5885, -17.7242

Square

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



31.4590, -13.0443, -16.1885



36.0420, 16.2483, -31.6088



40.3340, 13.6393, 11.9851



37.1750, -15.3693, 29.6645

Rectangle

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



31.4590, -13.0443, -16.1885



33.6650, 4.6022, -29.5242



40.3340, 13.6393, 11.9851



36.8070, -0.3979, 34.3723

Sweetspot

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



31.4590, -13.0443, -16.1885



53.2890, -5.0725, -6.3925



36.6300, -15.5936, 8.2175



27.4680, -3.1887, -3.9184



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.



31.4590, -13.0443, -16.1885



37.9220, -18.6955, -23.6106



30.4350, -6.6235, -22.3065



22.1740, -0.5788, -1.0296



56.1520, -27.6829, -34.3363



138.1760, -68.1208, -84.3464

Inverse Universe

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



19.5410, 13.0443, 16.1885



20.7790, 18.8430, 22.9958



20.5650, 6.6235, 22.3065



21.8260, 0.5788, 1.0296



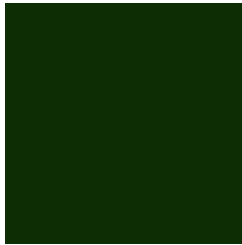
30.8480, 27.6829, 34.3363



75.8240, 68.1208, 84.3464

Previews

White Background



This preview shows how the YUV color 31.4590, -13.0443, -16.1885 looks on a white background.

Color Contrast Check

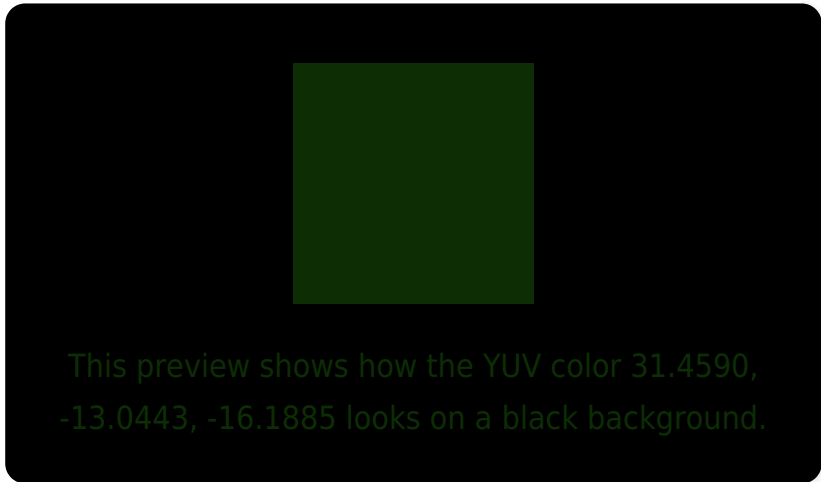
Large Text (above 18pt) WCAG AA ✓ Pass

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

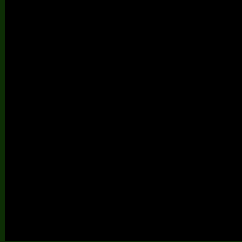
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.4590, -13.0443, -16.1885

Background



This preview shows how black text looks on a background with the YUV color 31.4590, -13.0443, -16.1885.



This preview shows how white text looks on a background with the YUV color 31.4590, -13.0443, -16.1885.

-16.1885.

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

31.4590, -13.0443, -16.1885

Protanopia

37.1630, -17.3354, 6.8730

Deuteranopia

38.5100, -13.5624, 10.0767



Tritanopia

37.3620, 4.2585, -12.5955

Trichromacy



Original Color

31.4590, -13.0443, -16.1885

Protanomaly

34.8630, -15.7085, -1.6339

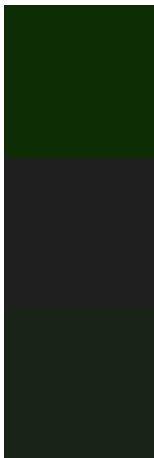
Deuteranomaly

36.1560, -13.3879, 0.7402

Tritanomaly

35.0430, -1.9932, -14.0697

Monochromacy



Original Color

31.4590, -13.0443, -16.1885

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4590, -13.0443, -16.1885 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(13, 46, 5)` looks like.

```
.text, #text, p{  
    color:rgb(13, 46, 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(13, 46, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 46, 5) }
```

Border

The CSS property to change the border of an element to YUV 31.4590, -13.0443, -16.1885 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(13, 46, 5) }
```


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

```
.border{ border-color:rgb(13, 46, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 46, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 46, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 46, 5); box-shadow:4px  
4px 4px 4px rgb(13, 46, 5) }
```

Background

The CSS property to change the background color of an element to YUV 31.4590, -13.0443, -16.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 46, 5) }
```

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

```
.background{ background-color: rgb(13, 46,  
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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