

Converting Colors

YUV(37.4590, -13.0443,
-16.1885)

Have a look what the booklet for
YUV(37.4590, -13.0443, -16.1885)
contains.

YUV(37.4590, -13.0443, -16.1885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(37.4590, -13.0443,
-16.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	13340B
RGB	19, 52, 11
RGB Percent	7%, 20%, 4%
CMY	0.9255, 0.7961, 0.9569
CMYK	0.63, 0.00, 0.79, 0.80
HSL	108°, 65%, 12%
HSV	108°, 79%, 20%
XYZ	1.5570, 2.6186, 0.7400
YIQ	37.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

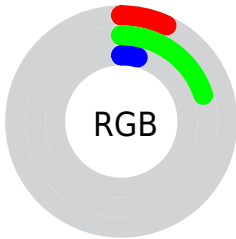
Format	Color
R_{YB}	11, 52, 44
Decimal	1258507
CIE _{Lab}	18.45, -21.49, 21.22
CIE _{LCh}	18, 30.203, 135.366
Yxy	2.6186, 0.3167, 0.5327
Android (android.graphics.Color)	4279448587 (0xFF13340B)
YUV	37.4590, -13.0443, -16.1885
Hunter-Lab	16.1821, -11.1443, 8.6162

Details

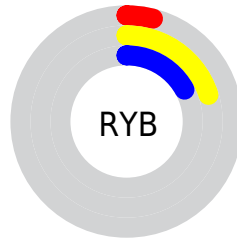
The YUV color **37.4590, -13.0443, -16.1885** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.5410, 13.0443, 16.1885**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.1170, -14.3547, -15.8886**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.6930, -14.6386, -18.1478**, and if you desaturate by 10%, it is **39.2250, -11.4499, -14.2293**.

Distribution



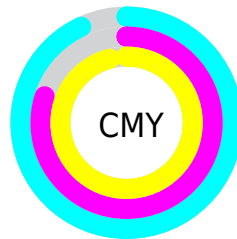
- Red (7%)
- Green (20%)
- Blue (4%)



- Red (4%)
- Yellow (20%)
- Blue (17%)



- Cyan (63%)
- Magenta (0%)
- Yellow (79%)
- Black (80%)





- Cyan (93%)
- Magenta (80%)
- Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.4590, -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 37.4590, -13.0443, -16.1885 by changing the saturation by 10% instead.


 37.4590, -13.0443,
-16.1885


 37.4590, -13.0443,
-16.1885


 252.0510, -7.4201,
-0.0447


 18.1970, -8.9711,
-15.9588


 84.1170, -14.3547,
-15.8886

 0.0000, 0.0000,
0.0000

 108.5900,
-15.0809, -16.3034


 134.1770,
-15.3703, -16.8182

 160.6500,
-16.0965, -17.2331

 187.5360,
-16.5332, -17.1331


 215.7100,


-17.1120, -18.1627


 240.1880,
-15.3757, -15.0739


 37.4590, -13.0443,
-16.1885


 37.4590, -13.0443,
-16.1885


 35.6930, -14.6386,
-18.1478


 39.2250, -11.4499,
-14.2293


 33.9270, -16.2330,
-20.1070

 40.9910, -9.8556,
-12.2701

 33.5140, -16.5224,
-20.6218

 43.1700, -7.9718,
-9.7961

 44.9360, -6.3774,
-7.8369

 46.7020, -4.7831,
-5.8777

■ 48.4680, -3.1887,
-3.9184

■ 50.2340, -1.5944,
-1.9592

■ 52.1140, 0.4368,
-0.1000

■ 54.1790, 1.8838,
2.4740

Harmonies

Analogous

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



41.3430, -20.3821, 4.0842



37.4590, -13.0443, -16.1885



35.4600, -1.2128, -31.0984

Triad

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



37.4590, -13.0443, -16.1885



39.2680, 23.5319, -34.4380



42.6070, -3.7503, 36.3017

Complementary

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



37.4590, -13.0443, -16.1885



25.5410, 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.



44.7940, 6.0176, 29.9987



37.4590, -13.0443, -16.1885



41.7260, 22.3201, -19.0537

Square

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



37.4590, -13.0443, -16.1885



40.3620, 17.5695, -35.3975



46.5620, 14.5129, 11.7851



43.1150, -14.3537, 30.5941

Rectangle

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



37.4590, -13.0443, -16.1885



37.7570, 5.0498, -33.1129



46.5620, 14.5129, 11.7851



42.8180, -0.4033, 36.1166

Sweetspot

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



37.4590, -13.0443, -16.1885



63.1750, -5.5093, -6.2925



42.6300, -15.5936, 8.2175



32.0550, -3.4781, -4.4332



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



37.4590, -13.0443, -16.1885



45.6290, -21.0161, -25.9846



36.4350, -6.6235, -22.3065



24.7610, -0.8682, -1.5444



57.3260, -28.2617, -35.3659



139.9370, -68.9889, -85.8907

Inverse Universe

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



25.5410, 13.0443, 16.1885



26.3710, 21.0161, 25.9846



26.5650, 6.6235, 22.3065



23.9400, 1.0156, 0.9296



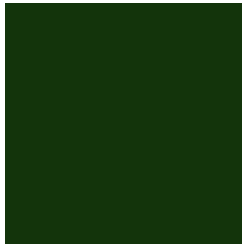
31.6740, 28.2617, 35.3659



76.7640, 69.1363, 85.2760

Previews

White Background



This preview shows how the YUV color 37.4590, -13.0443, -16.1885 looks on a white background.

Color Contrast Check

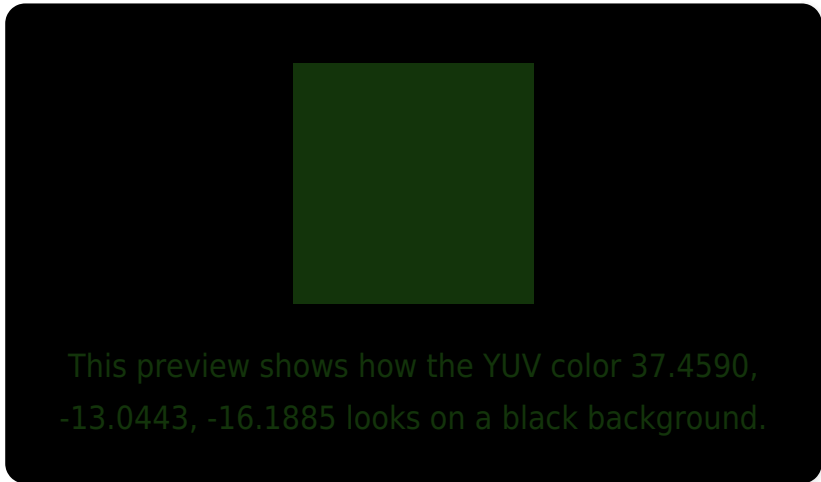
Large Text (above 18pt) WCAG AA ✓ Pass

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

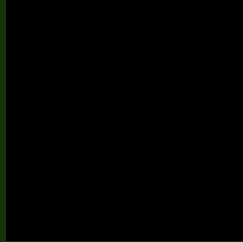
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.4590, -13.0443, -16.1885

Background



This preview shows how black text looks on a background with the YUV color 37.4590, -13.0443, -16.1885.



This preview shows how white text looks on a background with the YUV color 37.4590, -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

37.4590, -13.0443, -16.1885

Protanopia

42.6900, -16.6092, 7.2879

Deuteranopia

43.6950, -14.1466, 10.7915



Tritanopia

42.4760, 4.6953, -12.6955

Trichromacy



Original Color

37.4590, -13.0443, -16.1885

Protanomaly

40.9770, -15.2717, -1.7338

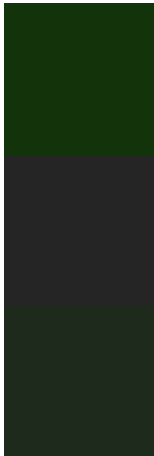
Deuteranomaly

41.4550, -13.5353, 1.3550

Tritanomaly

40.4560, -1.7038, -13.5549

Monochromacy



Original Color

37.4590, -13.0443, -16.1885

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4590, -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(19, 52, 11)` looks like.

```
.text, #text, p{  
    color:rgb(19, 52, 11)  
}
```

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(19, 52, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 52, 11) }
```

Border

The CSS property to change the border of an element to YUV 37.4590, -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(19, 52, 11) }
```


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

```
.border{ border-color:rgb(19, 52, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 52, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 52, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 52, 11);  
box-shadow:4px 4px 4px 4px rgb(19, 52, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4590, -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(19, 52, 11) }
```

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

```
.background{ background-color: rgb(19, 52,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor