

Converting Colors

YUV(37.9000, -15.2337,
-13.9443)

Have a look what the booklet for
YUV(37.9000, -15.2337, -13.9443)
contains.

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Color

**YUV(37.9000, -15.2337,
-13.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	163407
RGB	22, 52, 7
RGB Percent	9%, 20%, 3%
CMY	0.9137, 0.7961, 0.9725
CMYK	0.58, 0.00, 0.87, 0.80
HSL	100°, 76%, 12%
HSV	100°, 87%, 20%
XYZ	1.5972, 2.6419, 0.6268
YIQ	37.9000, -3.4350, -20.3550

Conversions

Conversions Part 2

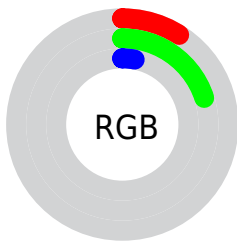
Format	Color
RYB	7, 52, 37
Decimal	1455111
CIELab	18.55, -20.85, 23.02
CIELCh	19, 31.053, 132.170
Yxy	2.6419, 0.3282, 0.5429
Android (android.graphics.Color)	4279645191 (0xFF163407)
YUV	37.9000, -15.2337, -13.9443
Hunter-Lab	16.2539, -10.9037, 9.0915

Details

The YUV color **37.9000, -15.2337, -13.9443** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.1000, 15.2337, 13.9443**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.3730, -15.9599, -14.3591**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.4330, -16.9755, -15.2887**, and if you desaturate by 10%, it is **39.3670, -13.4919, -12.5999**.

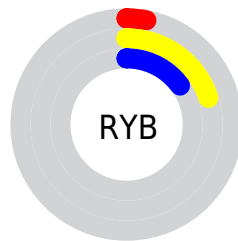
Distribution



Red (9%)

Green (20%)

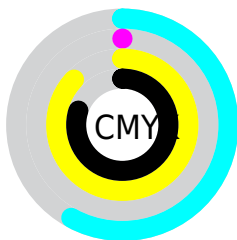
Blue (3%)



Red (3%)

Yellow (20%)

Blue (15%)

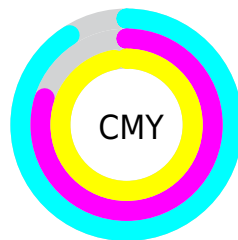


Cyan (58%)

Magenta (0%)

Yellow (87%)

Black (80%)



Cyan (91%)


Magenta (80%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 37.9000, -15.2337, -13.9443 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 37.9000, -15.2337, -13.9443 by changing the saturation by 10% instead.

 37.9000, -15.2337,
-13.9443


 37.9000, -15.2337,
-13.9443


 252.6060, -9.1728,
2.0995


 18.1970, -8.9711,
-15.9588


 84.3730, -15.9599,
-14.3591

 0.0000, 0.0000,
0.0000

 109.1450,
-16.8335, -14.1592


 134.7320,
-17.1229, -14.6740


 161.2050,
-17.8491, -15.0888


 188.0910,
-18.2859, -14.9888


 215.6780,


-18.5753, -15.5036


 240.9280,
-17.7125, -12.2149


 37.9000, -15.2337,
-13.9443


 37.9000, -15.2337,
-13.9443


 36.4330, -16.9755,
-15.2887


 39.3670, -13.4919,
-12.5999

 35.6070, -17.5543,
-16.3183

 41.1330, -11.8976,
-10.6406

 42.7140, -9.7190,
-9.3962

 44.4800, -8.1246,
-7.4370

 45.9470, -6.3829,
-6.0925

■ 47.7130, -4.7885,
-4.1333

■ 49.1800, -3.0467,
-2.7889

■ 51.0600, -1.0156,
-0.9296

■ 52.5270, 0.7262,
0.4148

Harmonies

Analogous

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



41.9410, -20.6769, 5.3137



37.9000, -15.2337, -13.9443



35.8190, -2.3758, -31.4133

Triad

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



37.9000, -15.2337, -13.9443



39.9690, 23.6793, -35.0528



42.5470, -2.7347, 37.2313

Complementary

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



37.9000, -15.2337, -13.9443



21.1000, 15.2337, 13.9443

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.



44.7230, 7.0386, 29.1839



37.9000, -15.2337, -13.9443



39.2520, 24.5258, -26.5310

Square

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



37.9000, -15.2337, -13.9443



40.8350, 16.8433, -35.8123



46.8930, 15.8288, 9.7408



42.7670, -13.1961, 32.6533

Rectangle

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



37.9000, -15.2337, -13.9443



37.5290, 4.1762, -32.9129



46.8930, 15.8288, 9.7408



42.5730, 1.1965, 36.3315

Sweetspot

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



37.9000, -15.2337, -13.9443



63.3600, -6.0935, -5.5777



38.0650, -15.3150, 12.2210



32.3540, -3.6255, -3.8185



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.



37.9000, -15.2337, -13.9443



47.3800, -23.3583, -21.3813



34.2130, -9.9650, -23.8658



25.0600, -1.0156, -0.9296



61.2130, -30.1780, -27.3738



148.9070, -73.4112, -67.4474

Inverse Universe

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



21.1000, 15.2337, 13.9443



21.6200, 23.3583, 21.3813



24.6730, 9.5282, 23.9658



23.9400, 1.0156, 0.9296



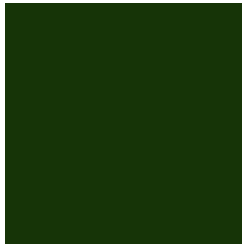
28.0860, 30.0306, 27.9886



68.0930, 73.4112, 67.4474

Previews

White Background



This preview shows how the YUV color 37.9000, -15.2337, -13.9443 looks on a white background.

Color Contrast Check

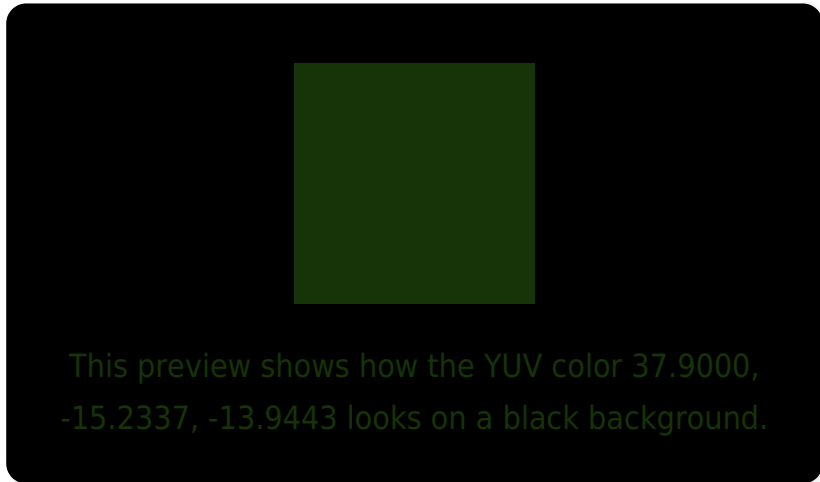
Large Text (above 18pt) WCAG AA ✓ Pass

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

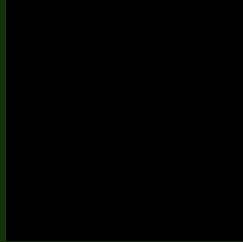
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9000, -15.2337, -13.9443

Background



This preview shows how black text looks on a background with the YUV color 37.9000, -15.2337, -13.9443.



This preview shows how white text looks on a background with the YUV color 37.9000, -15.2337, -13.9443.

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

37.9000, -15.2337, -13.9443

Protanopia

42.2340, -18.3564, 7.6878

Deuteranopia

43.7660, -15.1676, 11.6062



Tritanopia

43.0740, 4.4005, -11.4659

Trichromacy



Original Color

37.9000, -15.2337, -13.9443

Protanomaly

40.8200, -17.1663, -0.7191

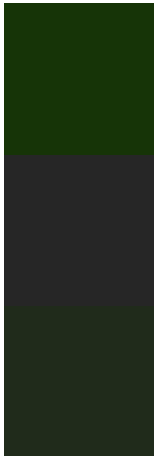
Deuteranomaly

41.4120, -14.9931, 2.2697

Tritanomaly

40.9400, -2.4354, -12.2254

Monochromacy



Original Color

37.9000, -15.2337, -13.9443

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8870, -5.3673, -5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9000, -15.2337, -13.9443 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(22, 52, 7)` looks like.

```
.text, #text, p{  
    color:rgb(22, 52, 7)  
}
```

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(22, 52, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 52, 7) }
```

Border

The CSS property to change the border of an element to YUV 37.9000, -15.2337, -13.9443 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(22, 52, 7) }
```


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

```
.border{ border-color:rgb(22, 52, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 52, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 52, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 52, 7); box-shadow:4px  
4px 4px 4px rgb(22, 52, 7) }
```

Background

The CSS property to change the background color of an element to YUV 37.9000, -15.2337, -13.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 52, 7) }
```

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

```
.background{ background-color: rgb(22, 52,  
7) }
```

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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