

Converting Colors

YUV(37.2470, -11.4608,
-10.7406)

Have a look what the booklet for
YUV(37.2470, -11.4608, -10.7406)
contains.

YUV(37.2470, -11.4608, -10.7406)	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(37.2470, -11.4608,
-10.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	19300E
RGB	25, 48, 14
RGB Percent	10%, 19%, 5%
CMY	0.9020, 0.8118, 0.9451
CMYK	0.48, 0.00, 0.71, 0.81
HSL	101°, 55%, 12%
HSV	101°, 71%, 19%
XYZ	1.5371, 2.3523, 0.7885
YIQ	37.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

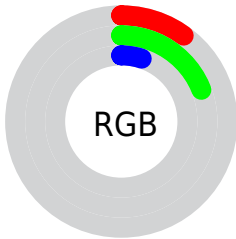
Format	Color
R_YB	14, 48, 37
Decimal	1650702
CIE _{Lab}	17.24, -16.82, 18.44
CIE _{LCh}	17, 24.960, 132.368
Yxy	2.3523, 0.3286, 0.5029
Android (android.graphics.Color)	4279840782 (0xFF19300E)
YUV	37.2470, -11.4608, -10.7406
Hunter-Lab	15.3372, -8.9504, 7.6879

Details

The YUV color **37.2470, -11.4608, -10.7406** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.7530, 11.4608, 10.7406**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6060, -12.6238, -11.0555**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.7800, -13.2025, -12.0851**, and if you desaturate by 10%, it is **38.7140, -9.7190, -9.3962**.

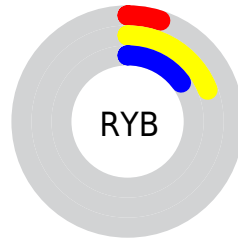
Distribution



Red (10%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (15%)

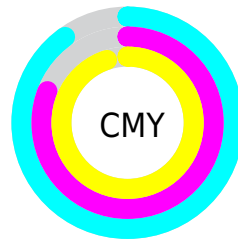


Cyan (48%)

Magenta (0%)

Yellow (71%)

Black (81%)



Cyan (90%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2470, -11.4608, -10.7406 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 37.2470, -11.4608, -10.7406 by changing the saturation by 10% instead.

■ 37.2470, -11.4608,
-10.7406

■ 37.2470, -11.4608,
-10.7406

■ 253.1760, -6.9888,
1.5996

■ 16.4360, -8.1029,
-14.4144

■ 82.6060, -12.6238,
-11.0555

■ 0.0000, 0.0000,
0.0000

■ 107.0790,
-13.3499, -11.4703


■ 132.6660,
-13.6393, -11.9851


■ 158.5520,
-14.0761, -11.8851


■ 186.0250,
-14.8023, -12.2999


■ 213.9110,


-15.2391, -12.1999


 241.9110,
-15.2391, -12.1999


 37.2470, -11.4608,
-10.7406


 37.2470, -11.4608,
-10.7406


 35.7800, -13.2025,
-12.0851


 38.7140, -9.7190,
-9.3962


 34.3130, -14.9443,
-13.4295

 40.1810, -7.9772,
-8.0517

 32.9600, -16.2493,
-14.8739

 41.8330, -6.8197,
-5.9925

 43.3000, -5.0779,
-4.6481

 44.7670, -3.3361,
-3.3037

■ 46.2340, -1.5944,
-1.9592

■ 48.0000, 0.0000,
0.0000

■ 49.3530, 1.3050,
1.4444

■ 50.8200, 3.0467,
2.7889

Harmonies

Analogous

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



39.3970, -18.9297, 4.9138



37.2470, -11.4608, -10.7406



32.8840, -0.9288, -28.8393

Triad

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



37.2470, -11.4608, -10.7406



36.2530, 19.5953, -31.7939



41.7910, -2.8550, 29.1243

Complementary

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



37.2470, -11.4608, -10.7406



24.7530, 11.4608, 10.7406

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.



43.2230, 5.3131, 22.6064



37.2470, -11.4608, -10.7406



39.7110, 18.3835, -16.4095

Square

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



37.2470, -11.4608, -10.7406



36.8740, 14.3591, -32.3385



43.6710, 12.4872, 8.1815



41.5920, -11.1379, 25.7908

Rectangle

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



37.2470, -11.4608, -10.7406



34.8390, 4.0234, -30.5538



43.6710, 12.4872, 8.1815



42.1760, -0.0868, 27.9096

Sweetspot

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



37.2470, -11.4608, -10.7406



57.1260, -4.4991, -3.6185



37.6670, -11.6678, 9.0620



28.2940, -2.6099, -2.8888



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.



37.2470, -11.4608, -10.7406



44.6070, -17.5543, -16.3183



34.6420, -7.2185, -18.1030



22.1740, -0.5788, -1.0296



59.4410, -29.3044, -27.5738



146.2490, -72.1008, -67.7474

Inverse Universe

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



24.7530, 11.4608, 10.7406



25.3930, 17.5543, 16.3183



27.3580, 7.2185, 18.1030



21.5270, 0.7262, 0.4148



27.5590, 29.3044, 27.5738



67.7510, 72.1008, 67.7474

Previews

White Background



This preview shows how the YUV color 37.2470, -11.4608, -10.7406 looks on a white background.

Color Contrast Check

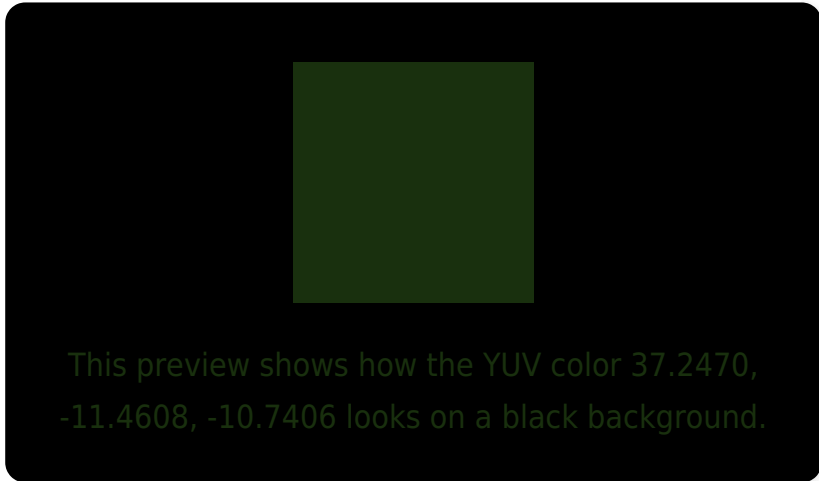
Large Text (above 18pt) WCAG AA ✓ Pass

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

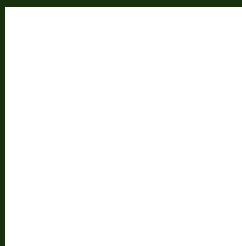
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.2470, -11.4608, -10.7406

Background



This preview shows how black text looks on a background with the YUV color 37.2470, -11.4608, -10.7406.



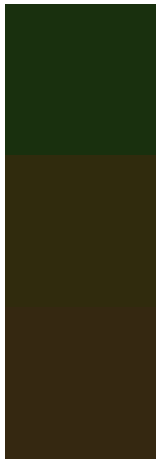
This preview shows how white text looks on a background with the YUV color 37.2470, -11.4608, -10.7406.

-10.7406.

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

37.2470, -11.4608, -10.7406

Protanopia

41.0750, -13.8410, 6.0732

Deuteranopia

41.2650, -11.9626, 10.2916



Tritanopia

41.1560, 3.3741, -8.9068

Trichromacy



Original Color

37.2470, -11.4608, -10.7406

Protanomaly

39.8570, -13.2405, 0.1254

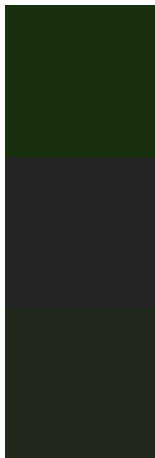
Deuteranomaly

39.9220, -11.7935, 2.6994

Tritanomaly

39.7770, -1.8621, -9.4514

Monochromacy



Original Color

37.2470, -11.4608, -10.7406

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2400, -4.0623, -3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2470, -11.4608, -10.7406 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(25, 48, 14)` looks like.

```
.text, #text, p{  
    color:rgb(25, 48, 14)  
}
```

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(25, 48, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 48, 14) }
```

Border

The CSS property to change the border of an element to YUV 37.2470, -11.4608, -10.7406 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(25, 48, 14) }
```


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

```
.border{ border-color:rgb(25, 48, 14) }
```

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

Here you see how a box with a 4 pixel rgb(25, 48, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 48, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 48, 14);  
box-shadow:4px 4px 4px 4px rgb(25, 48, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2470, -11.4608, -10.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 48, 14) }
```

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

```
.background{ background-color: rgb(25, 48,  
14) }
```

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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