

Converting Colors

YUV(37.7450, -10.2273,
-33.1024)

Have a look what the booklet for
YUV(37.7450, -10.2273, -33.1024)
contains.

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Color

**YUV(37.7450, -10.2273,
-33.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	003D11
RGB	0, 61, 17
RGB Percent	0%, 24%, 7%
CMY	1.0000, 0.7608, 0.9333
CMYK	1.00, 0.00, 0.72, 0.76
HSL	137°, 100%, 12%
HSV	137°, 100%, 24%
XYZ	1.7699, 3.3780, 1.0890
YIQ	37.7450, -22.2320, -26.6160

Conversions

Conversions Part 2

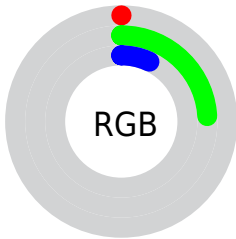
Format	Color
RYB	0, 48, 61
Decimal	15633
CIELab	21.50, -29.10, 21.56
CIELCh	21, 36.218, 143.466
Yxy	3.3780, 0.2838, 0.5416
Android (android.graphics.Color)	4278205713 (0xFF003D11)
YUV	37.7450, -10.2273, -33.1024
Hunter-Lab	18.3792, -14.9741, 9.3523

Details

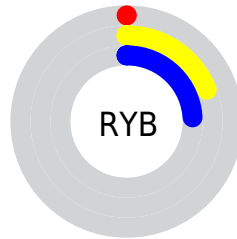
The YUV color **37.7450, -10.2273, -33.1024** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.2550, 10.2273, 33.1024**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6810, -13.1537, -27.7842**, and **5.8700, -2.8939, -5.1480** is the 20% darker color. If you saturate the color by 10%, you get **37.7450, -10.2273, -33.1024**, and if you desaturate by 10%, it is **39.9950, -9.3645, -29.8136**.

Distribution



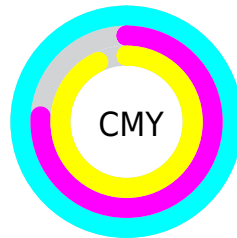
- Red (0%)
- Green (24%)
- Blue (7%)



- Red (0%)
- Yellow (19%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7450, -10.2273, -33.1024 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 37.7450, -10.2273, -33.1024 by changing the saturation by 10% instead.

■ 37.7450, -10.2273,
-33.1024

■ 37.7450, -10.2273,
-33.1024

■ 250.5710, -2.7465,
-5.7628

■ 22.8930, -11.2862,
-20.0772

■ 87.6810, -13.1537,
-27.7842

■ 5.8700, -2.8939,
-5.1480

■ 113.1540,
-13.8799, -28.1991

■ 0.0000, 0.0000,
0.0000


■ 138.6270,
-14.6061, -28.6139


■ 165.8010,
-15.1849, -29.6435


■ 193.2740,
-15.9111, -30.0583


■ 221.1600,


-16.3479, -29.9583


 238.5940,
-11.1388, -20.6919


 37.7450, -10.2273,
-33.1024

 39.9950, -9.3645,
-29.8136

 42.3590, -8.0650,
-26.6248

 44.6090, -7.2022,
-23.3361

 46.9730, -5.9027,
-20.1473

 49.5220, -5.1873,
-16.2438

■ 51.7720, -4.3246,
-12.9550

■ 54.1360, -3.0250,
-9.7663

■ 56.3860, -2.1623,
-6.4775

■ 58.7500, -0.8627,
-3.2887

Harmonies

Analogous

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



46.0280, -22.6918, -1.7786



37.7450, -10.2273, -33.1024



42.1110, 1.4243, -36.9313

Triad

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



37.7450, -10.2273, -33.1024



45.4290, 29.3685, -39.8412



47.6250, -7.7031, 44.1789

Complementary

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



37.7450, -10.2273, -33.1024



23.2550, 10.2273, 33.1024

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.



48.9310, 4.9640, 41.2795



37.7450, -10.2273, -33.1024



50.1660, 25.0612, -11.5466

Square

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



37.7450, -10.2273, -33.1024



47.1100, 23.1168, -41.3155



52.8560, 15.3540, 22.0513



48.6010, -21.4953, 34.5529

Rectangle

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



37.7450, -10.2273, -33.1024



44.7500, 8.9972, -39.2458



52.8560, 15.3540, 22.0513



47.1890, -3.0512, 45.4382

Sweetspot

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



37.7450, -10.2273, -33.1024



69.8860, -3.8878, -13.0550



49.2620, -24.2862, -3.7378



35.2610, -2.5937, -8.1219



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



37.7450, -10.2273, -33.1024



48.8810, -13.2523, -42.8686



41.1650, 2.8767, -36.1017



29.7610, -0.8682, -1.5444



58.1420, -15.8460, -50.9905



137.3820, -37.1633, -120.4840

Inverse Universe

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



23.2550, 10.2273, 33.1024



30.1190, 13.2523, 42.8686



19.8350, -2.8767, 36.1017



29.1250, 0.4314, 1.6444



35.8580, 15.8460, 50.9905



84.6180, 37.1633, 120.4840

Previews

White Background



This preview shows how the YUV color 37.7450, -10.2273, -33.1024 looks on a white background.

Color Contrast Check

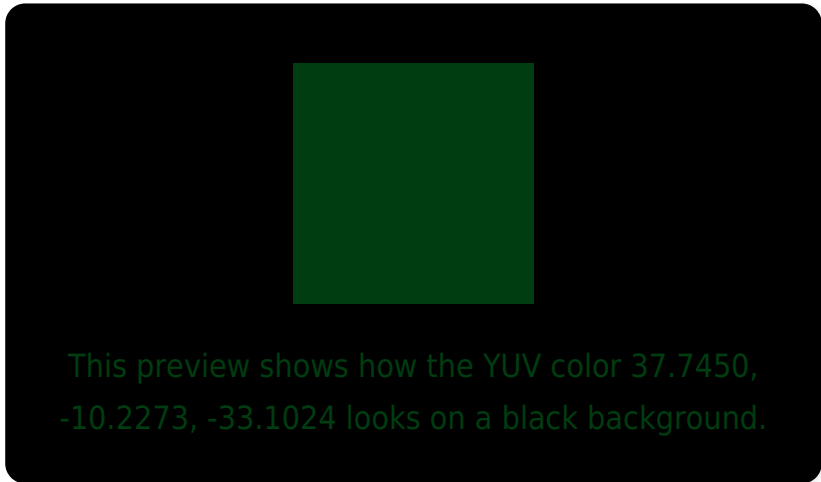
Large Text (above 18pt) WCAG AA ✓ Pass

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

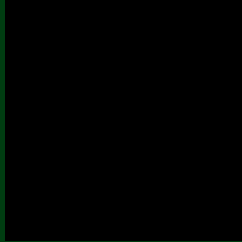
Any Text WCAG AA × Fail

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 37.7450, -10.2273, -33.1024 Background



This preview shows how black text looks on a background with the YUV color 37.7450, -10.2273, -33.1024.

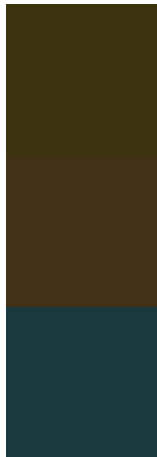


This preview shows how white text looks on a background with the YUV color 37.7450, -10.2273,

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

49.8750, -17.1934, 8.0026

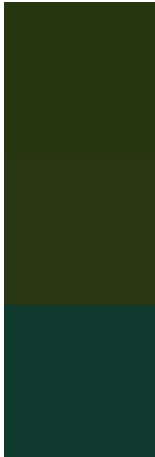
Deuteranopia

51.1790, -14.8782, 12.1210

Tritanopia

48.0020, 6.9010, -20.1728

Trichromacy



Protanomaly

45.4710, -14.5292, -6.5521

Deuteranomaly

46.2370, -12.9348, -4.5928

Tritanomaly

44.0740, 0.9495, -24.6209

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.5980, -3.7458, -11.9254

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7450, -10.2273, -33.1024 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, 61, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 17)  
}
```

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, 61, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 17) }
```

Border

The CSS property to change the border of an element to YUV 37.7450, -10.2273, -33.1024 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, 61, 17) }
```

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

```
.border{ border-color:rgb(0, 61, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 17); box-shadow:4px  
4px 4px 4px rgb(0, 61, 17) }
```


Background

The CSS property to change the background color of an element to YUV 37.7450, -10.2273, -33.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 17) }
```

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

```
.background{ background-color: rgb(0, 61,  
17) }
```

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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