

Converting Colors

YUV(37.7450, -3.3253, -6.7924)

Have a look what the booklet for
YUV(37.7450, -3.3253, -6.7924)
contains.

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Color

**YUV(37.7450, -3.3253,
-6.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2B1F
RGB	30, 43, 31
RGB Percent	12%, 17%, 12%
CMY	0.8824, 0.8314, 0.8784
CMYK	0.30, 0.00, 0.28, 0.83
HSL	125°, 18%, 14%
HSV	125°, 30%, 17%
XYZ	1.6466, 2.1027, 1.6154
YIQ	37.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

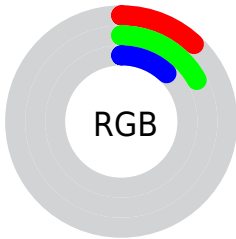
Format	Color
R_{YB}	30, 42, 43
Decimal	1977119
CIE Lab	16.02, -8.63, 6.06
CIE LCh	16, 10.543, 144.928
Yxy	2.1027, 0.3069, 0.3919
Android (android.graphics.Color)	4280167199 (0xFF1E2B1F)
YUV	37.7450, -3.3253, -6.7924
Hunter-Lab	14.5007, -5.1067, 3.5455

Details

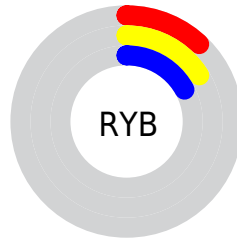
The YUV color **37.7450, -3.3253, -6.7924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.2550, 3.3253, 6.7924**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3320, -3.6147, -7.3072**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.0930, -4.4828, -8.8516**, and if you desaturate by 10%, it is **39.3970, -2.1677, -4.7332**.

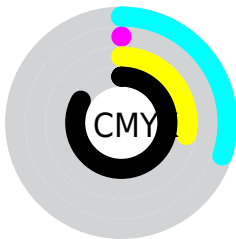
Distribution



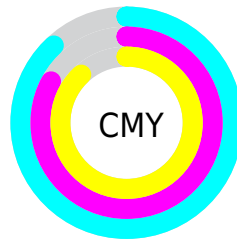
- Red (12%)
- Green (17%)
- Blue (12%)



- Red (12%)
- Yellow (16%)
- Blue (17%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (83%)



- Cyan (88%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7450, -3.3253, -6.7924 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, -3.3253, -6.7924 by changing the saturation by 10% instead.

■ 37.7450, -3.3253,
-6.7924

■ 37.7450, -3.3253,
-6.7924

■ 255.0000, 0.0000,
0.0000

■ 16.0930, -4.4828,
-8.8516

■ 82.3320, -3.6147,
-7.3072

■ 0.0000, 0.0000,
0.0000

■ 106.9190, -3.9041,
-7.8220

■ 131.9190, -3.9041,
-7.8220

■ 158.3920, -4.6303,
-8.2368

■ 185.0930, -4.4828,
-8.8516

■ 212.9790, -4.9196,

-8.7516

■ 241.0930, -4.4828,
-8.8516

■ 37.7450, -3.3253,
-6.7924

■ 37.7450, -3.3253,
-6.7924

■ 36.0930, -4.4828,
-8.8516

■ 39.3970, -2.1677,
-4.7332

■ 34.1420, -5.4930,
-11.5255

■ 41.3480, -1.1576,
-2.0592

■ 32.4900, -6.6506,
-13.5847

■ 43.0000, 0.0000,
0.0000

■ 30.8380, -7.8081,
-15.6439

■ 44.6520, 1.1576,
2.0592

■ 28.8870, -8.8183,
-18.3179

■ 46.6030, 2.1677,
4.7332

■ 27.2350, -9.9759,
-20.3771

■ 48.2550, 3.3253,
6.7924

■ 25.5830, -11.1334,
-22.4363

■ 49.9070, 4.4828,
8.8516

■ 51.5590, 5.6404,
10.9108

■ 53.5100, 6.6506,
13.5847

Harmonies

Analogous

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



38.6920, -6.2572, 0.2701



37.7450, -3.3253, -6.7924



36.7380, 0.6222, -12.9252

Triad

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



37.7450, -3.3253, -6.7924



38.7090, 8.0315, -9.3918



40.8660, -3.3849, 12.3955

Complementary

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



37.7450, -3.3253, -6.7924



35.2550, 3.3253, 6.7924

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.



40.7780, 0.1094, 11.5957



37.7450, -3.3253, -6.7924



40.0090, 6.4046, -0.8849

Square

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



37.7450, -3.3253, -6.7924



36.8500, 7.4689, -15.6545



40.9560, 3.4727, 6.1776



39.8720, -5.8529, 10.6363

Rectangle

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



37.7450, -3.3253, -6.7924



36.1120, 3.3958, -15.8842



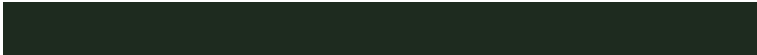
40.9560, 3.4727, 6.1776



40.5070, -2.2220, 12.7104

Sweetspot

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



37.7450, -3.3253, -6.7924



53.9350, -1.4470, -2.5740



41.2190, -5.5310, 0.6849



26.7610, -0.8682, -1.5444



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



37.7450, -3.3253, -6.7924



47.8540, -5.3510, -10.3960



38.4290, -0.7045, -7.3922



19.2880, -0.1420, -1.1296



49.9920, -21.6881, -43.8430



126.2680, -54.3621, -110.7370

Inverse Universe

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



35.2550, 3.3253, 6.7924



44.1460, 5.3510, 10.3960



34.5710, 0.7045, 7.3922



18.8260, 0.5788, 1.0296



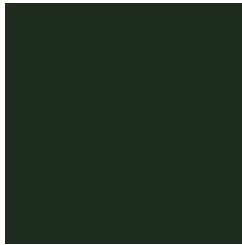
34.0080, 21.6881, 43.8430



85.6180, 53.9253, 110.8370

Previews

White Background



This preview shows how the YUV color 37.7450, -3.3253, -6.7924 looks on a white background.

Color Contrast Check

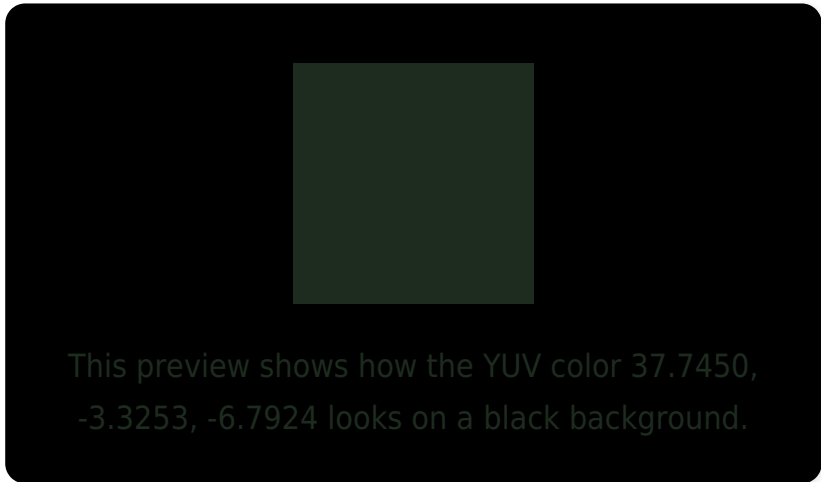
Large Text (above 18pt) WCAG AA ✓ Pass

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, -3.3253, -6.7924

Background



This preview shows how black text looks on a background with the YUV color 37.7450, -3.3253, -6.7924.



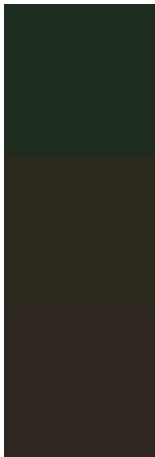
This preview shows how white text looks on a background with the YUV color 37.7450, -3.3253,

-6.7924.

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

37.7450, -3.3253, -6.7924

Protanopia

39.7570, -4.8102, 2.8441

Deuteranopia

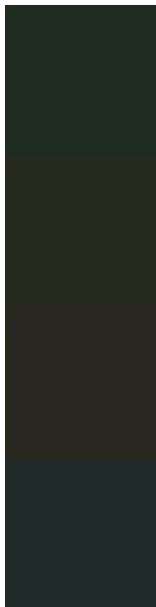
39.7080, -3.8000, 5.5181



Tritanopia

39.0640, 2.9264, -5.3181

Trichromacy



Original Color

37.7450, -3.3253, -6.7924

Protanomaly

38.8490, -4.3626, -0.7446

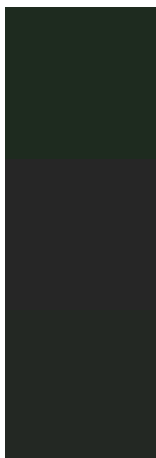
Deuteranomaly

39.0880, -3.4944, 0.7998

Tritanomaly

38.7820, 0.6005, -5.9478

Monochromacy



Original Color

37.7450, -3.3253, -6.7924

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7450, -3.3253, -6.7924 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(30, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(30, 43, 31)  
}
```

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(30, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 43, 31) }
```

Border

The CSS property to change the border of an element to YUV 37.7450, -3.3253, -6.7924 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(30, 43, 31) }
```


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

```
.border{ border-color:rgb(30, 43, 31) }
```

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

Here you see how a box with a 4 pixel rgb(30, 43, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(30, 43, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7450, -3.3253, -6.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 43, 31) }
```

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

```
.background{ background-color: rgb(30, 43,  
31) }
```

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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