

Converting Colors

YUV(37.7030, -13.1646,
-24.2955)

Have a look what the booklet for
YUV(37.7030, -13.1646, -24.2955)
contains.

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Color

**YUV(37.7030, -13.1646,
-24.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	0A390B
RGB	10, 57, 11
RGB Percent	4%, 22%, 4%
CMY	0.9608, 0.7765, 0.9569
CMYK	0.82, 0.00, 0.81, 0.78
HSL	121°, 70%, 13%
HSV	121°, 82%, 22%
XYZ	1.6487, 3.0149, 0.8117
YIQ	37.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

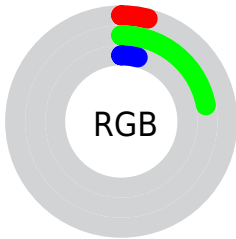
Format	Color
RYB	10, 56, 57
Decimal	669963
CIELab	20.10, -26.19, 23.05
CIELCh	20, 34.889, 138.644
Yxy	3.0149, 0.3011, 0.5506
Android (android.graphics.Color)	4278860043 (0xFF0A390B)
YUV	37.7030, -13.1646, -24.2955
Hunter-Lab	17.3636, -13.4374, 9.3830

Details

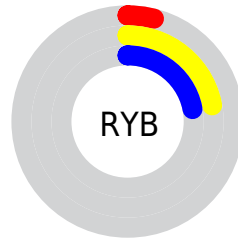
The YUV color **37.7030, -13.1646, -24.2955** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.2970, 13.1646, 24.2955**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1440, -15.3540, -22.0513**, and **0.5870, -0.2894, -0.5148** is the 20% darker color. If you saturate the color by 10%, you get **35.2250, -14.9009, -27.3843**, and if you desaturate by 10%, it is **40.1810, -11.4282, -21.2067**.

Distribution



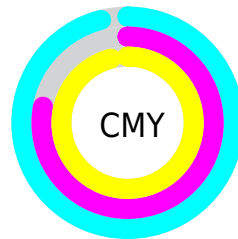
- Red (4%)
- Green (22%)
- Blue (4%)



- Red (4%)
- Yellow (22%)
- Blue (22%)



- Cyan (82%)
- Magenta (0%)
- Yellow (81%)
- Black (78%)



- Cyan (96%)
- Magenta (78%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7030, -13.1646, -24.2955 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 37.7030, -13.1646, -24.2955 by changing the saturation by 10% instead.

■ 37.7030, -13.1646,
-24.2955

■ 37.7030, -13.1646,
-24.2955

■ 250.9690, -6.3937,
-2.6038

■ 21.1320, -10.4181,
-18.5328

■ 86.1440, -15.3540,
-22.0513

■ 0.5870, -0.2894,
-0.5148

■ 110.7310,
-15.6434, -22.5661

■ 0.0000, 0.0000,
0.0000


■ 136.5030,
-16.5170, -22.3661


■ 162.9760,
-17.2432, -22.7810


■ 190.5630,
-17.5326, -23.2958


■ 218.7370,


-18.1113, -24.3253


 238.9920,
-14.7861, -17.5330


 37.7030, -13.1646,
-24.2955


 37.7030, -13.1646,
-24.2955


 35.2250, -14.9009,
-27.3843


 40.1810, -11.4282,
-21.2067

 33.5730, -16.0585,
-29.4435

 42.2460, -9.9813,
-18.6327

 44.7240, -8.2449,
-15.5439

 47.0880, -6.9454,
-12.3552

 49.5660, -5.2090,
-9.2664

■ 51.6310, -3.7621,
-6.6924

■ 54.1090, -2.0257,
-3.6036

■ 56.5870, -0.2894,
-0.5148

■ 58.6520, 1.1576,
2.0592

Harmonies

Analogous

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



44.2780, -21.8291, 1.5102



37.7030, -13.1646, -24.2955



38.9650, -0.4757, -34.1723

Triad

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



37.7030, -13.1646, -24.2955



42.9840, 27.6159, -37.6970



44.5970, -5.2243, 42.4494

Complementary

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



37.7030, -13.1646, -24.2955



29.2970, 13.1646, 24.2955

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.



46.2510, 6.2853, 37.4909



37.7030, -13.1646, -24.2955



45.2360, 25.5197, -18.6240

Square

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



37.7030, -13.1646, -24.2955



44.5510, 20.9274, -39.0712



50.0510, 16.2439, 16.6183



45.1110, -18.2957, 34.9827

Rectangle

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



37.7030, -13.1646, -24.2955



41.4900, 6.6604, -36.3867



50.0510, 16.2439, 16.6183



44.3350, -1.1512, 42.6792

Sweetspot

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



37.7030, -13.1646, -24.2955



66.2670, -5.0616, -9.8812



51.3430, -20.3821, 4.0842



33.4570, -3.1833, -5.6628



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



37.7030, -13.1646, -24.2955



43.9650, -20.6887, -37.6803



40.3250, -3.1182, -26.5950



26.7610, -0.8682, -1.5444



54.2320, -25.7504, -47.5615



129.1230, -61.1926, -113.2409

Inverse Universe

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



29.2970, 13.1646, 24.2955



30.9210, 20.2519, 37.7803



26.6750, 3.1182, 26.5950



26.2390, 0.8682, 1.5444



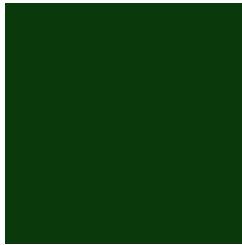
37.7680, 25.7504, 47.5615



89.9910, 61.6294, 113.1409

Previews

White Background



This preview shows how the YUV color 37.7030, -13.1646, -24.2955 looks on a white background.

Color Contrast Check

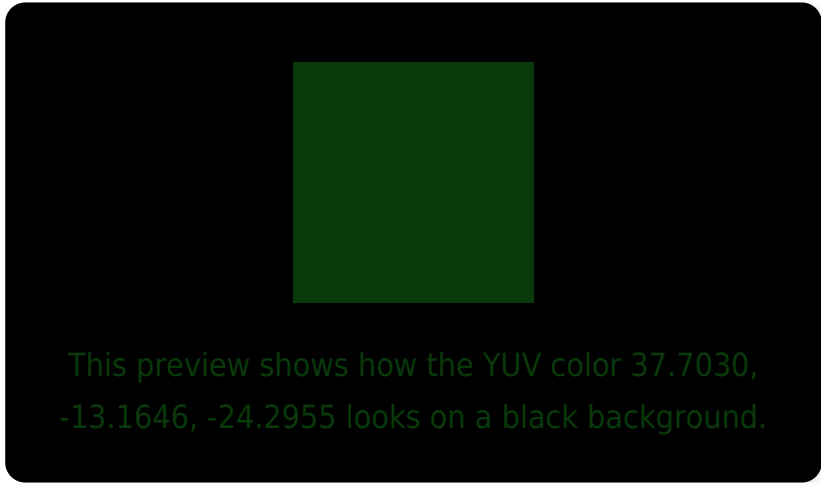
Large Text (above 18pt) WCAG AA ✓ Pass

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

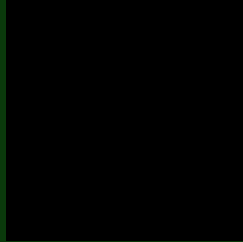
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7030, -13.1646, -24.2955

Background



This preview shows how black text looks on a background with the YUV color 37.7030, -13.1646, -24.2955.



This preview shows how white text looks on a background with the YUV color 37.7030, -13.1646, -24.2955.

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

37.7030, -13.1646, -24.2955

Protanopia

46.2340, -18.3564, 7.6878

Deuteranopia

47.0650, -15.3150, 12.2210



Tritanopia

45.0840, 5.8746, -17.6137

Trichromacy



Original Color

37.7030, -13.1646, -24.2955

Protanomaly

43.3250, -16.4292, -3.7930

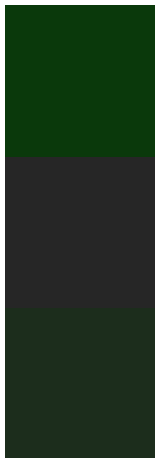
Deuteranomaly

43.5040, -14.5455, -1.3190

Tritanomaly

42.2380, -1.1033, -19.5027

Monochromacy



Original Color

37.7030, -13.1646, -24.2955

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9790, -4.9196, -8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7030, -13.1646, -24.2955 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(10, 57, 11)` looks like.

```
.text, #text, p{  
    color:rgb(10, 57, 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(10, 57, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 57, 11) }
```

Border

The CSS property to change the border of an element to YUV 37.7030, -13.1646, -24.2955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

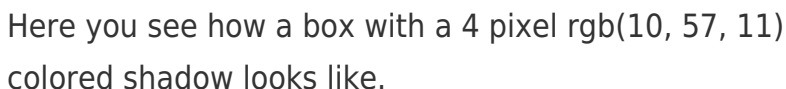
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(10, 57, 11) }
```


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

```
.border{ border-color:rgb(10, 57, 11) }
```

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



Here you see how a box with a 4 pixel `rgb(10, 57, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 57, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 57, 11);  
box-shadow:4px 4px 4px 4px rgb(10, 57, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7030, -13.1646, -24.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 57, 11) }
```

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

```
.background{ background-color: rgb(10, 57,  
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](#).

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