

Converting Colors

YUV(37.1410, -7.4645, -32.5727)

Have a look what the booklet for
YUV(37.1410, -7.4645, -32.5727)
contains.

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Color

**YUV(37.1410, -7.4645,
-32.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	003B16
RGB	0, 59, 22
RGB Percent	0%, 23%, 9%
CMY	1.0000, 0.7686, 0.9137
CMYK	1.00, 0.00, 0.63, 0.77
HSL	142°, 100%, 12%
HSV	142°, 100%, 23%
XYZ	1.7088, 3.1859, 1.2839
YIQ	37.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

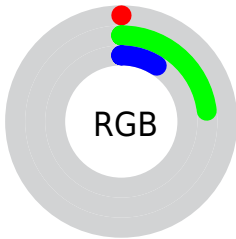
Format	Color
RYB	0, 43, 59
Decimal	15126
CIELab	20.77, -27.52, 17.88
CIELCh	21, 32.820, 146.989
Yxy	3.1859, 0.2766, 0.5156
Android (android.graphics.Color)	4278205206 (0xFF003B16)
YUV	37.1410, -7.4645, -32.5727
Hunter-Lab	17.8490, -14.1469, 8.2294

Details

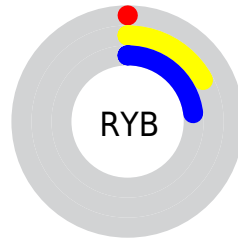
The YUV color **37.1410, -7.4645, -32.5727** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.8590, 7.4645, 32.5727**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4790, -10.0961, -28.4841**, and **2.9350, -1.4470, -2.5740** is the 20% darker color. If you saturate the color by 10%, you get **37.1410, -7.4645, -32.5727**, and if you desaturate by 10%, it is **39.3910, -6.6018, -29.2839**.

Distribution



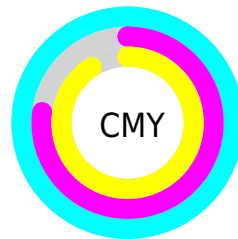
- Red (0%)
- Green (23%)
- Blue (9%)



- Red (0%)
- Yellow (17%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.1410, -7.4645, -32.5727 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 37.1410, -7.4645, -32.5727 by changing the saturation by 10% instead.

■ 37.1410, -7.4645,
-32.5727

■ 37.1410, -7.4645,
-32.5727

■ 250.5430, -0.2677,
-7.4922

■ 21.7190, -10.7075,
-19.0476

■ 86.4790, -10.0961,
-28.4841

■ 2.9350, -1.4470,
-2.5740

■ 111.8380,
-11.2591, -28.7989

■ 0.0000, 0.0000,
0.0000

■ 137.7240,
-11.6959, -28.6989


■ 164.3110,
-11.9853, -29.2137


■ 191.7840,
-12.7115, -29.6286


■ 219.3710,


-13.0009, -30.1434


 238.5660, -8.6600,
-22.4214


 37.1410, -7.4645,
-32.5727

 39.3910, -6.6018,
-29.2839

 41.5270, -6.1758,
-25.8952

 43.7770, -5.3131,
-22.6064

 46.0270, -4.4503,
-19.3177

 47.8640, -3.8770,
-16.5437

■ 50.1140, -3.0142,
-13.2550

■ 52.3640, -2.1515,
-9.9662

■ 54.6140, -1.2887,
-6.6775

■ 56.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



44.5440, -21.9602, -3.1081



37.1410, -7.4645, -32.5727



41.1650, 2.8767, -36.1017

Triad

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



37.1410, -7.4645, -32.5727



42.8700, 27.1791, -37.5970



47.3640, -8.5605, 39.1458

Complementary

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



37.1410, -7.4645, -32.5727



21.8590, 7.4645, 32.5727

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.



47.9260, 2.5015, 37.7759



37.1410, -7.4645, -32.5727



50.1730, 21.1137, -5.4137

Square

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



37.1410, -7.4645, -32.5727



44.8930, 22.2378, -39.3712



50.8730, 12.8806, 22.0364



47.5080, -20.4634, 30.2495

Rectangle

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



37.1410, -7.4645, -32.5727



42.9890, 9.8654, -37.7014



50.8730, 12.8806, 22.0364



47.2870, -5.0715, 40.0903

Sweetspot

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



37.1410, -7.4645, -32.5727



68.4130, -3.1616, -12.6402



45.6960, -22.5281, -7.6264



32.9020, -1.4307, -7.8071



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.



37.1410, -7.4645, -32.5727



48.5050, -9.6160, -42.5389



40.4470, 5.2026, -35.4720



29.8750, -0.4314, -1.6444



59.1680, -11.9148, -51.8903



139.7760, -27.9906, -122.5836

Inverse Universe

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



21.8590, 7.4645, 32.5727



28.4950, 9.6160, 42.5389



18.5530, -5.2026, 35.4720



29.0110, -0.0054, 1.7444



34.8320, 11.9148, 51.8903



82.2240, 27.9906, 122.5836

Previews

White Background



This preview shows how the YUV color 37.1410, -7.4645, -32.5727 looks on a white background.

Color Contrast Check

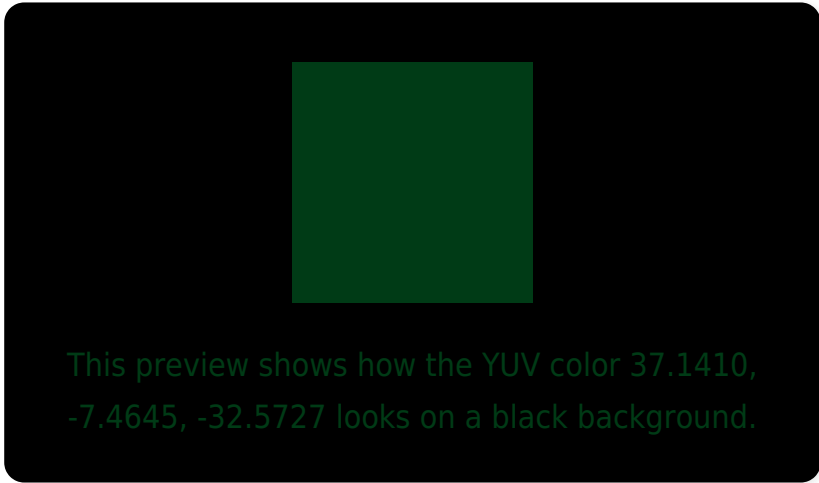
Large Text (above 18pt) WCAG AA ✓ Pass

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

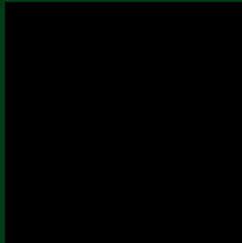
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.1410, -7.4645, -32.5727

Background



This preview shows how black text looks on a background with the YUV color 37.1410, -7.4645, -32.5727.



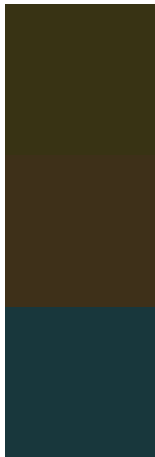
This preview shows how white text looks on a background with the YUV color 37.1410, -7.4645,

-32.5727.

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

48.9610, -14.2778, 6.1732

Deuteranopia

49.5640, -12.1101, 10.9064

Tritanopia

46.3010, 6.7536, -19.5580

Trichromacy



Protanomaly

44.8560, -11.7610, -7.7667

Deuteranomaly

44.9210, -10.3141, -5.1927

Tritanomaly

42.6010, 1.6757, -24.2061

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2390, -2.5828, -11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.1410, -7.4645, -32.5727 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, 59, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 22)  
}
```

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, 59, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 22) }
```

Border

The CSS property to change the border of an element to YUV 37.1410, -7.4645, -32.5727 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, 59, 22) }
```

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

```
.border{ border-color:rgb(0, 59, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 22); box-shadow:4px  
4px 4px 4px rgb(0, 59, 22) }
```


Background

The CSS property to change the background color of an element to YUV 37.1410, -7.4645, -32.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 22) }
```

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

```
.background{ background-color: rgb(0, 59,  
22) }
```

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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