

Converting Colors

YUV(33.3740, -4.1284, -29.2690)

Have a look what the booklet for
YUV(33.3740, -4.1284, -29.2690)
contains.

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Color

**YUV(33.3740, -4.1284,
-29.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	003419
RGB	0, 52, 25
RGB Percent	0%, 20%, 10%
CMY	1.0000, 0.7961, 0.9020
CMYK	1.00, 0.00, 0.52, 0.80
HSL	149°, 100%, 10%
HSV	149°, 100%, 20%
XYZ	1.4035, 2.5262, 1.3333
YIQ	33.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

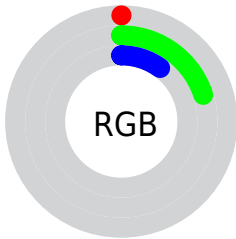
Format	Color
RYB	0, 35, 52
Decimal	13337
CIELab	18.04, -24.04, 12.58
CIELCh	18, 27.138, 152.371
Yxy	2.5262, 0.2667, 0.4800
Android (android.graphics.Color)	4278203417 (0xFF003419)
YUV	33.3740, -4.1284, -29.2690
Hunter-Lab	15.8939, -12.0525, 6.1519

Details

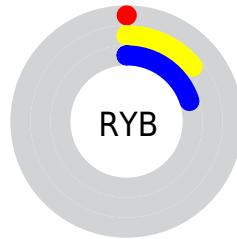
The YUV color **33.3740, -4.1284, -29.2690** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.6260, 4.1284, 29.2690**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1140, -6.4652, -26.4100**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3740, -4.1284, -29.2690**, and if you desaturate by 10%, it is **35.2110, -3.5550, -26.4950**.

Distribution



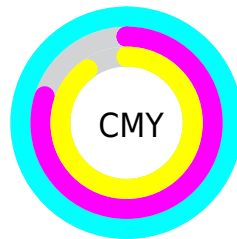
- Red (0%)
- Green (20%)
- Blue (10%)



- Red (0%)
- Yellow (14%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.3740, -4.1284, -29.2690 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 33.3740, -4.1284, -29.2690 by changing the saturation by 10% instead.

■ 33.3740, -4.1284,
-29.2690

■ 33.3740, -4.1284,
-29.2690

■ 249.3900, 1.7797,
-10.8660

■ 18.7840, -9.2605,
-16.4736

■ 81.1140, -6.4652,
-26.4100

■ 0.0000, 0.0000,
0.0000

■ 106.0000, -6.9020,
-26.3100

■ 131.5870, -7.1914,
-26.8248

■ 158.0600, -7.9176,
-27.2396

■ 185.3480, -8.0596,
-28.3692

■ 213.2340, -8.4964,

-28.2692

■ 237.4130, -6.6126,
-25.7952

■ 33.3740, -4.1284,
-29.2690

■ 35.2110, -3.5550,
-26.4950

■ 36.9340, -3.4185,
-23.6211

■ 39.0700, -2.9925,
-20.2324

■ 40.9070, -2.4192,
-17.4584

■ 42.7440, -1.8458,
-14.6845

■ 44.4670, -1.7092,
-11.8106

■ 46.3040, -1.1359,
-9.0366

■ 48.4400, -0.7099,
-5.6479

■ 50.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



39.3140, -16.4238, -5.5374



33.3740, -4.1284, -29.2690



36.2410, 4.3182, -31.7834

Triad

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



33.3740, -4.1284, -29.2690



36.4640, 22.9422, -31.9789



42.4940, -9.1175, 31.1388

Complementary

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



33.3740, -4.1284, -29.2690



18.6260, 4.1284, 29.2690

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.



43.1980, -0.0976, 31.3984



33.3740, -4.1284, -29.2690



44.8380, 15.8559, 1.0191

Square

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



33.3740, -4.1284, -29.2690



38.9430, 19.7481, -34.1530



45.4230, 8.6655, 20.6770



42.1480, -17.8210, 22.6722

Rectangle

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



33.3740, -4.1284, -29.2690



37.7230, 9.9966, -33.0831



45.4230, 8.6655, 20.6770



42.8900, -6.3548, 31.6685

Sweetspot

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



33.3740, -4.1284, -29.2690



61.4670, -1.7092, -11.8106



38.8960, -19.1757, -9.5558



31.3150, -1.1413, -7.2923



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



33.3740, -4.1284, -29.2690



44.2650, -5.5536, -38.8204



36.2240, 6.7916, -31.7684



24.8750, -0.4314, -1.6444



57.1450, -6.9735, -50.1162



139.2350, -17.3709, -122.1091

Inverse Universe

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



18.6260, 4.1284, 29.2690



24.7350, 5.5536, 38.8204



15.7760, -6.7916, 31.7684



24.0110, -0.0054, 1.7444



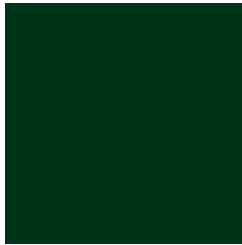
31.8550, 6.9735, 50.1162



77.7650, 17.3709, 122.1091

Previews

White Background



This preview shows how the YUV color 33.3740, -4.1284, -29.2690 looks on a white background.

Color Contrast Check

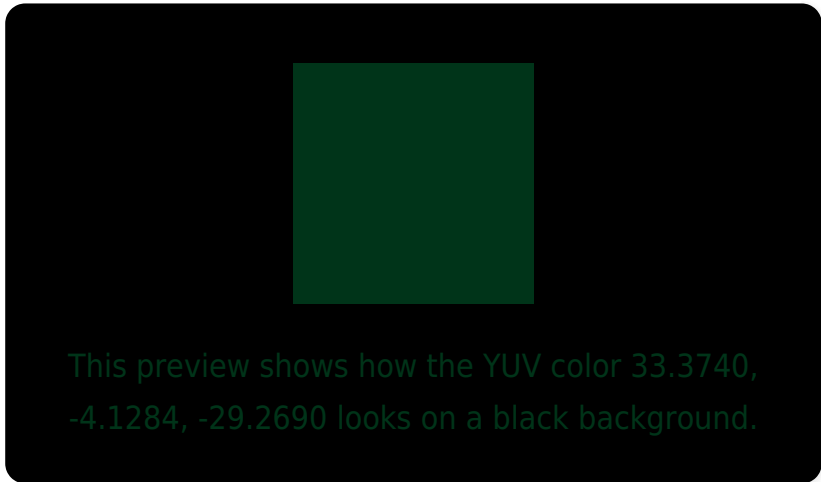
Large Text (above 18pt) WCAG AA ✓ Pass

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

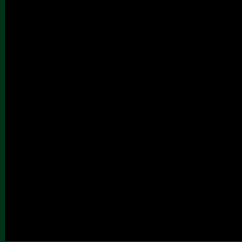
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.3740, -4.1284, -29.2690

Background



This preview shows how black text looks on a background with the YUV color 33.3740, -4.1284, -29.2690.



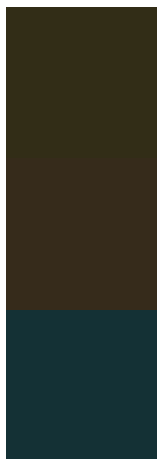
This preview shows how white text looks on a background with the YUV color 33.3740, -4.1284, -29.2690.

-29.2690.

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

43.9870, -10.3466, 5.2734

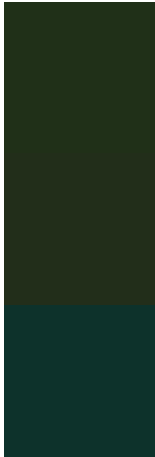
Deuteranopia

44.4650, -8.6102, 8.3622

Tritanopia

40.7850, 6.0220, -18.2284

Trichromacy



Protanomaly

40.4800, -8.1246, -7.4370

Deuteranomaly

40.1320, -6.9671, -5.3778

Tritanomaly

38.1390, 2.3965, -22.0469

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3740, -4.1284, -29.2690 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, 52, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 25)  
}
```

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, 52, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 25) }
```

Border

The CSS property to change the border of an element to YUV 33.3740, -4.1284, -29.2690 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, 52, 25) }
```

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

```
.border{ border-color:rgb(0, 52, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 52, 25); box-shadow:4px  
4px 4px 4px rgb(0, 52, 25) }
```


Background

The CSS property to change the background color of an element to YUV 33.3740, -4.1284, -29.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 25) }
```

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

```
.background{ background-color: rgb(0, 52,  
25) }
```

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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