

Converting Colors

YUV(37.2960, -9.0199, -0.2596)

Have a look what the booklet for
YUV(37.2960, -9.0199, -0.2596)
contains.

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Color

**YUV(37.2960, -9.0199,
-0.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	252913
RGB	37, 41, 19
RGB Percent	15%, 16%, 7%
CMY	0.8549, 0.8392, 0.9255
CMYK	0.10, 0.00, 0.54, 0.84
HSL	71°, 37%, 12%
HSV	71°, 54%, 16%
XYZ	1.6734, 2.0262, 0.9190
YIQ	37.2960, 4.6780, -7.6900

Conversions

Conversions Part 2

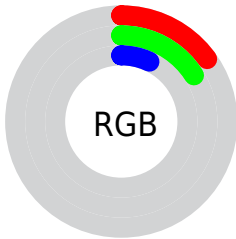
Format	Color
RYB	19, 41, 23
Decimal	2435347
CIELab	15.62, -6.24, 13.79
CIElCh	16, 15.138, 114.329
Yxy	2.0262, 0.3623, 0.4387
Android (android.graphics.Color)	4280625427 (0xFF252913)
YUV	37.2960, -9.0199, -0.2596
Hunter-Lab	14.2345, -3.9256, 6.1363

Details

The YUV color **37.2960, -9.0199, -0.2596** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.7040, 9.0199, 0.2596**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0680, -9.8935, -0.0596**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.5410, -10.6197, -0.4745**, and if you desaturate by 10%, it is **38.0510, -7.4201, -0.0447**.

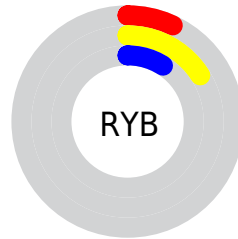
Distribution



Red (15%)

Green (16%)

Blue (7%)



Red (7%)

Yellow (16%)

Blue (9%)

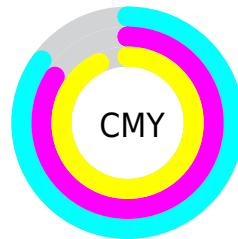


Cyan (10%)

Magenta (0%)

Yellow (54%)

Black (84%)



Cyan (85%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2960, -9.0199, -0.2596 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 37.2960, -9.0199, -0.2596 by changing the saturation by 10% instead.

■ 37.2960, -9.0199,
-0.2596

■ 37.2960, -9.0199,
-0.2596

■ 253.7460, -4.8048,
1.0998

■ 16.8120, -8.2883,
-1.5891

■ 82.0680, -9.8935,
-0.0596

■ 0.0000, 0.0000,
0.0000

■ 106.2530,
-10.4777, 0.6551

■ 131.7260,
-11.2039, 0.2403

■ 157.7260,
-11.2039, 0.2403

■ 184.6120,
-11.6407, 0.3403

■ 212.4980,

-12.0775, 0.4403

■ 240.4980,
-12.0775, 0.4403

■ 37.2960, -9.0199,
-0.2596

■ 37.2960, -9.0199,
-0.2596

■ 36.5410, -10.6197,
-0.4745

■ 38.0510, -7.4201,
-0.0447

■ 36.0850, -12.3669,
-0.0745

■ 38.5070, -5.6730,
-0.4446

■ 35.3300, -13.9667,
-0.2894

■ 39.2620, -4.0732,
-0.2298

■ 34.5750, -15.5665,
-0.5043

■ 40.0170, -2.4734,
-0.0149

■ 34.2330, -16.8769,
-0.2043

■ 40.7720, -0.8736,
0.2000

■ 41.3420, 1.3104,
-0.2999

■ 42.0970, 2.9102,
-0.0851

■ 42.8520, 4.5100,
0.1298

■ 43.6070, 6.1097,
0.3447

Harmonies

Analogous

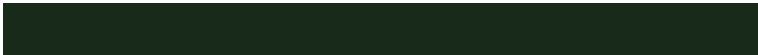
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.5960, -10.6468, 8.2473



37.2960, -9.0199, -0.2596



35.3810, -4.6248, -9.9811

Triad

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



37.2960, -9.0199, -0.2596



31.6250, 12.0169, -27.7351



40.2130, 0.3880, 15.5992

Complementary

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



37.2960, -9.0199, -0.2596



22.7040, 9.0199, 0.2596

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.



40.2490, 5.7932, 8.5516



37.2960, -9.0199, -0.2596



36.5880, 11.5421, -15.4247

Square

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



37.2960, -9.0199, -0.2596



31.7730, 7.5069, -27.8649



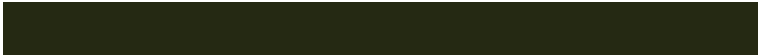
39.3940, 9.1728, -2.0995



39.6710, -4.2748, 17.8285

Rectangle

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



37.2960, -9.0199, -0.2596



34.0750, -0.5300, -16.7288



39.3940, 9.1728, -2.0995



40.0710, 2.4300, 13.9697

Sweetspot

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



37.2960, -9.0199, -0.2596



52.3760, -3.6364, -0.3298



27.9260, -4.4005, 11.4659



27.1310, -2.0366, -0.1149



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.



37.2960, -9.0199, -0.2596



47.9170, -14.2561, -0.8042



34.0070, -7.3985, -7.0221



19.7720, -0.8736, 0.2000



69.9390, -34.4799, -0.8235



176.1710, -86.8523, -2.7810

Inverse Universe

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



22.7040, 9.0199, 0.2596



25.0830, 14.2561, 0.8042



25.9930, 7.3985, 7.0221



18.5270, 0.7262, 0.4148



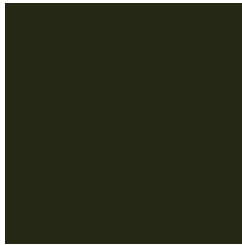
14.0610, 34.4799, 0.8235



35.5300, 86.9997, 2.1662

Previews

White Background



This preview shows how the YUV color 37.2960, -9.0199, -0.2596 looks on a white background.

Color Contrast Check

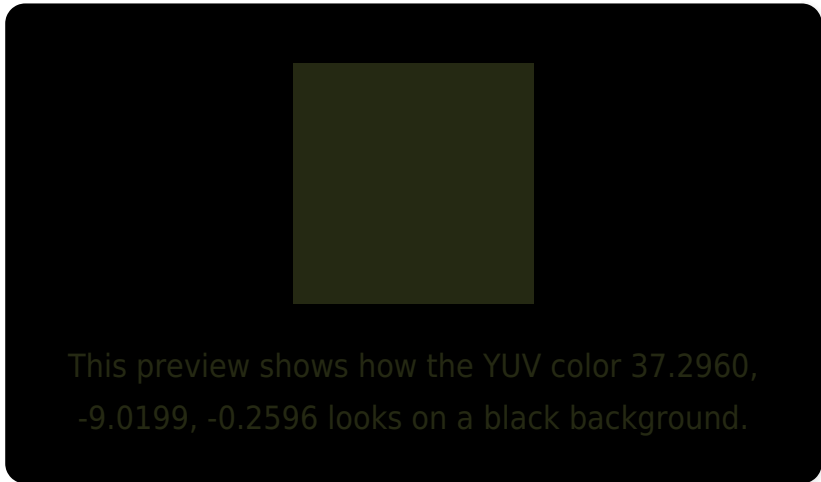
Large Text (above 18pt) WCAG AA ✓ Pass

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

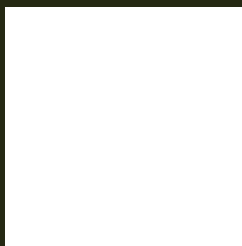
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.2960, -9.0199, -0.2596

Background



This preview shows how black text looks on a background with the YUV color 37.2960, -9.0199, -0.2596.



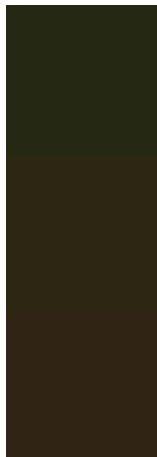
This preview shows how white text looks on a background with the YUV color 37.2960, -9.0199,

-0.2596.

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

37.2960, -9.0199, -0.2596

Protanopia

37.8020, -9.7624, 4.5586

Deuteranopia

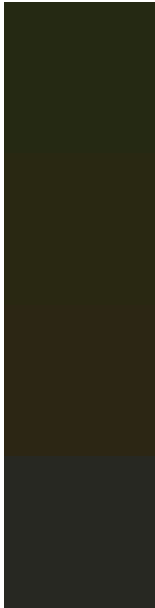
38.3510, -9.0470, 8.4622



Tritanopia

39.6410, 1.1630, 0.3148

Trichromacy



Original Color

37.2960, -9.0199, -0.2596

Protanomaly

37.7910, -9.7570, 2.8143

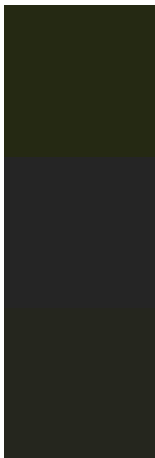
Deuteranomaly

37.7420, -8.7468, 5.4883

Tritanomaly

39.0170, -2.4734, -0.0149

Monochromacy



Original Color

37.2960, -9.0199, -0.2596

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2960, -9.0199, -0.2596 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(37, 41, 19)` looks like.

```
.text, #text, p{  
    color:rgb(37, 41, 19)  
}
```

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(37, 41, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 41, 19) }
```

Border

The CSS property to change the border of an element to YUV 37.2960, -9.0199, -0.2596 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(37, 41, 19) }
```


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

```
.border{ border-color:rgb(37, 41, 19) }
```

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

Here you see how a box with a 4 pixel rgb(37, 41, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 41, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 41, 19);  
box-shadow:4px 4px 4px 4px rgb(37, 41, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2960, -9.0199, -0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 41, 19) }
```

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

```
.background{ background-color: rgb(37, 41,  
19) }
```

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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