

Converting Colors

YUV(37.0890, -18.2849,
31.4939)

Have a look what the booklet for
YUV(37.0890, -18.2849, 31.4939)
contains.

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Color

**YUV(37.0890, -18.2849,
31.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	491A00
RGB	73, 26, 0
RGB Percent	29%, 10%, 0%
CMY	0.7137, 0.8980, 1.0000
CMYK	0.00, 0.64, 1.00, 0.71
HSL	21°, 100%, 14%
HSV	21°, 100%, 29%
XYZ	3.1170, 2.1553, 0.2517
YIQ	37.0890, 36.3580, 1.8780

Conversions

Conversions Part 2

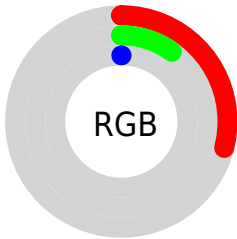
Format	Color
R_{YB}	73, 40, 0
Decimal	4790784
CIE _{Lab}	16.28, 20.90, 24.47
CIE _{LCh}	16, 32.180, 49.504
Yxy	2.1553, 0.5643, 0.3902
Android (android.graphics.Color)	4282980864 (0xFF491A00)
YUV	37.0890, -18.2849, 31.4939
Hunter-Lab	14.6808, 12.2080, 9.2600

Details

The YUV color **37.0890, -18.2849, 31.4939** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35.9110, 18.2849, -31.4939**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7090, -18.5905, 36.2122**, and **3.8870, -1.9163, 7.9921** is the 20% darker color. If you saturate the color by 10%, you get **37.0890, -18.2849, 31.4939**, and if you desaturate by 10%, it is **40.8220, -16.6742, 28.2201**.

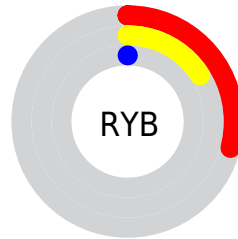
Distribution



Red (29%)

Green (10%)

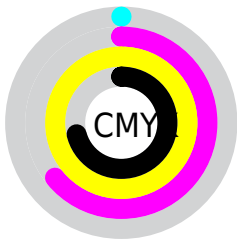
Blue (0%)



Red (29%)

Yellow (16%)

Blue (0%)

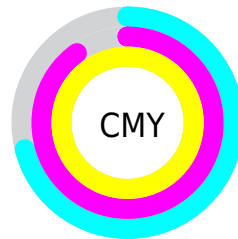


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.0890, -18.2849, 31.4939 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 37.0890, -18.2849, 31.4939 by changing the saturation by 10% instead.

■ 37.0890, -18.2849,
31.4939

■ 37.0890, -18.2849,
31.4939

■ 251.6940,
-12.6671, 2.8994

■ 16.4010, -8.0857,
26.8353

■ 84.7090, -18.5905,
36.2122

■ 3.8870, -1.9163,
7.9921

■ 109.4920,
-19.4696, 38.1565

■ 0.0000, 0.0000,
0.0000


■ 135.5740,
-20.4960, 40.7156


■ 161.9440,
-21.6644, 42.1451


■ 189.7270,
-22.5434, 44.0894


■ 213.1390,


-20.7745, 36.7121


 233.2400,
-17.3733, 19.0835


 37.0890, -18.2849,
31.4939

 40.8220, -16.6742,
28.2201

 44.0820, -14.3374,
25.3611

 47.8150, -12.7268,
22.0872

 51.5480, -11.1162,
18.8134

 55.3950, -9.0687,
15.4396

■ 58.5410, -7.1687,
12.6805

■ 62.2740, -5.5581,
9.4067

■ 66.0070, -3.9475,
6.1329

■ 69.2670, -1.6106,
3.2738

Harmonies

Analogous

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



36.3900, -4.6293, 38.2460



37.0890, -18.2849, 31.4939



38.4740, -18.9677, 17.1243

Triad

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



37.0890, -18.2849, 31.4939



32.8840, -0.9288, -28.8393



37.5630, 22.8934, -16.2798

Complementary

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



37.0890, -18.2849, 31.4939



35.9110, 18.2849, -31.4939

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.



36.2190, 24.5420, -31.7641



37.0890, -18.2849, 31.4939



36.2070, 9.2649, -31.7535

Square

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



37.0890, -18.2849, 31.4939



30.2410, -12.4438, -22.1364



37.3130, 18.5797, -32.7235



41.4700, 14.0653, 15.3738

Rectangle

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



37.0890, -18.2849, 31.4939



38.1090, -18.7877, 6.0434



37.3130, 18.5797, -32.7235



33.8710, 25.6996, -29.7049

Sweetspot

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



37.0890, -18.2849, 31.4939



80.2420, -7.0213, 12.0658



27.1850, 9.7688, 40.1798



39.6050, -4.2423, 7.3624



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



37.0890, -18.2849, 31.4939



48.0640, -23.6956, 40.2859



58.2210, -28.7030, 12.9612



33.7830, -0.8790, 1.9443



50.1460, -24.7220, 42.8450



115.4200, -56.9021, 97.8557

Inverse Universe

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



35.9110, 18.2849, -31.4939



46.5230, 23.4062, -40.8007



14.7790, 28.7030, -12.9612



33.6300, 1.1684, -1.4295



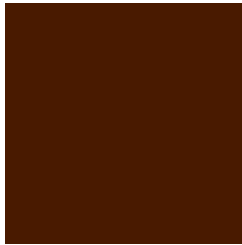
48.8540, 24.7220, -42.8450



111.5800, 56.9021, -97.8557

Previews

White Background



This preview shows how the YUV color 37.0890, -18.2849, 31.4939 looks on a white background.

Color Contrast Check

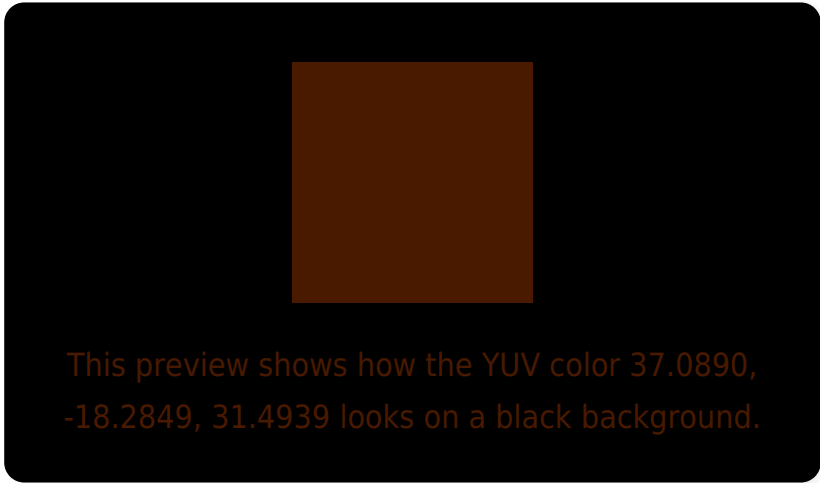
Large Text (above 18pt) WCAG AA ✓ Pass

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

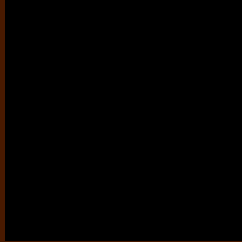
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.0890, -18.2849, 31.4939

Background



This preview shows how black text looks on a background with the YUV color 37.0890, -18.2849, 31.4939.



This preview shows how white text looks on a background with the YUV color 37.0890, -18.2849,

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

39.6190, -15.5882, 6.4731

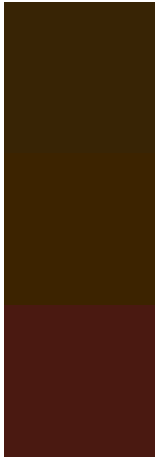
Deuteranopia

39.3270, -19.3882, 11.9912

Tritanopia

39.1780, -6.4968, 30.5389

Trichromacy



Protanomaly

38.4460, -16.4889, 15.3949

Deuteranomaly

38.4850, -18.9731, 18.8687

Tritanomaly

38.7390, -10.7173, 30.9239

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.0890, -18.2849, 31.4939 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(73, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(73, 26, 0)  
}
```

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(73, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 26, 0) }
```

Border

The CSS property to change the border of an element to YUV 37.0890, -18.2849, 31.4939 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(73, 26, 0) }
```

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

```
.border{ border-color:rgb(73, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 26, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 26, 0); box-shadow:4px  
4px 4px 4px rgb(73, 26, 0) }
```


Background

The CSS property to change the background color of an element to YUV 37.0890, -18.2849, 31.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 26, 0) }
```

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

```
.background{ background-color: rgb(73, 26,  
0) }
```

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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