

Converting Colors

YUV(41.5190, -20.4689,
31.9938)

Have a look what the booklet for
YUV(41.5190, -20.4689, 31.9938)
contains.

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Color

**YUV(41.5190, -20.4689,
31.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1F00
RGB	78, 31, 0
RGB Percent	31%, 12%, 0%
CMY	0.6941, 0.8784, 1.0000
CMYK	0.00, 0.60, 1.00, 0.69
HSL	24°, 100%, 15%
HSV	24°, 100%, 31%
XYZ	3.6319, 2.5997, 0.3104
YIQ	41.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

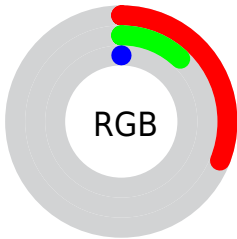
Format	Color
RYB	78, 51, 0
Decimal	5119744
CIELab	18.36, 20.29, 27.22
CIELCh	18, 33.952, 53.299
Yxy	2.5997, 0.5552, 0.3974
Android (android.graphics.Color)	4283309824 (0xFF4E1F00)
YUV	41.5190, -20.4689, 31.9938
Hunter-Lab	16.1235, 11.9916, 10.1452

Details

The YUV color **41.5190, -20.4689, 31.9938** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **36.4810, 20.4689, -31.9938**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1390, -20.7745, 36.7121**, and **7.8880, -3.3958, 15.8842** is the 20% darker color. If you saturate the color by 10%, you get **41.5190, -20.4689, 31.9938**, and if you desaturate by 10%, it is **45.3660, -18.4214, 28.6200**.

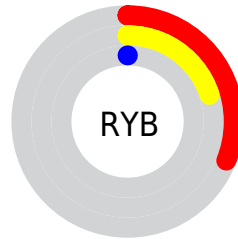
Distribution



Red (31%)

Green (12%)

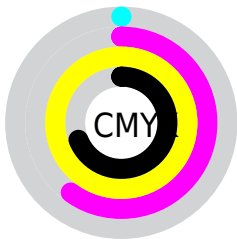
Blue (0%)



Red (31%)

Yellow (20%)

Blue (0%)

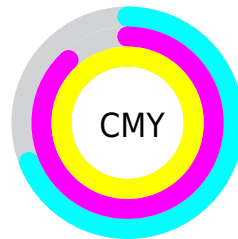


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (69%)



Cyan (69%)


Magenta (88%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 41.5190, -20.4689, 31.9938 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 41.5190, -20.4689, 31.9938 by changing the saturation by 10% instead.


 41.5190, -20.4689,
31.9938


 41.5190, -20.4689,
31.9938

 251.8080,
-12.2303, 2.7994

 21.4180, -10.5591,
26.8204


 89.1390, -20.7745,
36.7121

 7.8880, -3.3958,
15.8842

 114.8080,
-22.0903, 38.7564

 0.0000, 0.0000,
0.0000


 140.8900,
-23.1168, 41.3155


 167.6730,
-23.9958, 43.2598


 195.0430,
-25.1642, 44.6893


 217.2480,


-22.8003, 33.1085


 236.8760,
-18.6729, 15.8947


 41.5190, -20.4689,
31.9938

 45.3660, -18.4214,
28.6200

 48.6260, -16.0846,
25.7610

 52.3590, -14.4740,
22.4872

 56.2060, -12.4266,
19.1133

 60.0530, -10.3791,
15.7395

■ 63.3130, -8.0423,
12.8805

■ 67.1600, -5.9949,
9.5067

■ 70.8930, -4.3842,
6.2328

■ 74.1530, -2.0474,
3.3738

Harmonies

Analogous

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



40.8310, -6.8187, 40.4902



41.5190, -20.4689, 31.9938



42.8930, -21.1462, 15.8798

Triad

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



41.5190, -20.4689, 31.9938



36.6170, 0.6818, -32.1131



43.5960, 22.8772, -11.0467

Complementary

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



41.5190, -20.4689, 31.9938



36.4810, 20.4689, -31.9938

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.



39.4790, 26.8789, -34.6231



41.5190, -20.4689, 31.9938



40.1680, 11.7492, -35.2273

Square

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



41.5190, -20.4689, 31.9938



32.4790, -10.0961, -28.4841



41.2740, 21.0639, -36.1973



45.5030, 14.0490, 20.6069

Rectangle

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



41.5190, -20.4689, 31.9938



41.6420, -20.5295, 4.6990



41.2740, 21.0639, -36.1973



36.4300, 27.8890, -31.9491

Sweetspot

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



41.5190, -20.4689, 31.9938



87.9000, -8.3317, 12.3657



28.7940, 9.4686, 43.1537



42.4910, -4.6791, 7.4624



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.5190, -20.4689, 31.9938



54.5650, -26.9005, 41.6005



63.8250, -31.4657, 12.4315



36.3700, -1.1684, 1.4295



122.1870, -60.2382, 94.5520

Inverse Universe

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



36.4810, 20.4689, -31.9938



47.4350, 26.9005, -41.6005



14.1750, 31.4657, -12.4315



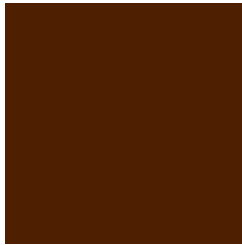
36.2170, 0.8790, -1.9443



107.2260, 60.5276, -94.0372

Previews

White Background



This preview shows how the YUV color 41.5190, -20.4689, 31.9938 looks on a white background.

Color Contrast Check

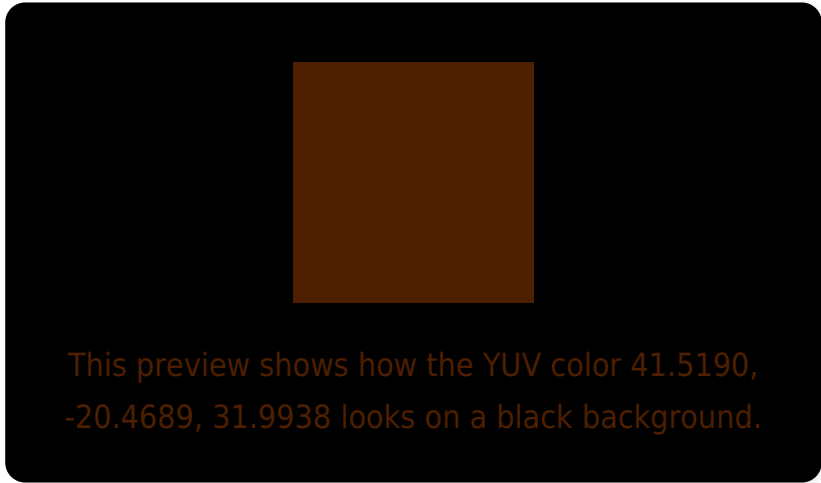
Large Text (above 18pt) WCAG AA ✓ Pass

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

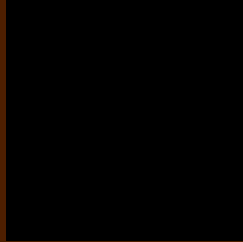
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5190, -20.4689, 31.9938

Background



This preview shows how black text looks on a background with the YUV color 41.5190, -20.4689, 31.9938.



This preview shows how white text looks on a background with the YUV color 41.5190, -20.4689,

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

43.4620, -17.4828, 7.4878

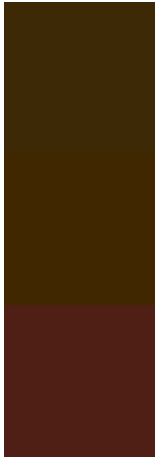
Deuteranopia

43.1700, -21.2828, 13.0059

Tritanopia

44.1780, -6.4968, 30.5389

Trichromacy



Protanomaly

42.8760, -18.6729, 15.8947

Deuteranomaly

42.3280, -20.8677, 19.8833

Tritanomaly

43.5110, -11.5909, 31.1239

Monochromacy



Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8290, -7.3107, 11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5190, -20.4689, 31.9938 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(78, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 31, 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(78, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 31, 0) }
```

Border

The CSS property to change the border of an element to YUV 41.5190, -20.4689, 31.9938 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(78, 31, 0) }
```

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

```
.border{ border-color:rgb(78, 31, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 31, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 31, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 31, 0); box-shadow:4px  
4px 4px 4px rgb(78, 31, 0) }
```

Background

The CSS property to change the background color of an element to YUV 41.5190, -20.4689, 31.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 31, 0) }
```

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

```
.background{ background-color: rgb(78, 31,  
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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