

Converting Colors

YUV(71.2600, -10.9742,
19.9430)

Have a look what the booklet for
YUV(71.2600, -10.9742, 19.9430)
contains.

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Color

**YUV(71.2600, -10.9742,
19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4031
RGB	94, 64, 49
RGB Percent	37%, 25%, 19%
CMY	0.6314, 0.7490, 0.8078
CMYK	0.00, 0.32, 0.48, 0.63
HSL	20°, 31%, 28%
HSV	20°, 48%, 37%
XYZ	7.0039, 6.2682, 3.7465
YIQ	71.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

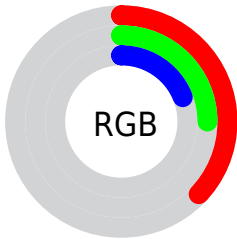
Format	Color
RYB	94, 72, 49
Decimal	6176817
CIELab	30.08, 11.00, 14.40
CIELCh	30, 18.120, 52.608
Yxy	6.2682, 0.4115, 0.3683
Android (android.graphics.Color)	4284366897 (0xFF5E4031)
YUV	71.2600, -10.9742, 19.9430
Hunter-Lab	25.0364, 6.1211, 8.6533




Details

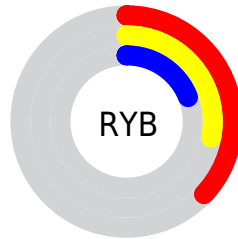
The YUV color **71.2600, -10.9742, 19.9430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.7400, 10.9742, -19.9430**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **120.2280, -12.4374, 22.6020**, and **26.3090, -11.9843, 17.2690** is the 20% darker color. If you saturate the color by 10%, you get **66.7120, -13.1690, 23.9316**, and if you desaturate by 10%, it is **75.8080, -8.7793, 15.9544**.

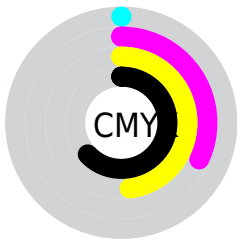
Distribution







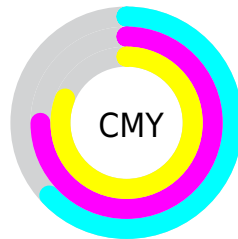
-  Red (37%)
-  Green (25%)
-  Blue (19%)






-  Red (37%)
-  Yellow (28%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (48%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (75%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2600, -10.9742, 19.9430 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 71.2600, -10.9742, 19.9430 by changing the saturation by 10% instead.

■ 71.2600, -10.9742,
19.9430

■ 71.2600, -10.9742,
19.9430

■ 255.0000, 0.0000,
0.0000

■ 48.4770, -10.0952,
17.9987

■ 120.2280,
-12.4374, 22.6020

■ 26.3090, -11.9843,
17.2690

■ 145.8260,
-12.7322, 23.8316

■ 6.8770, -3.3904,
14.1399

■ 173.0110,
-13.3164, 24.5464

■ 0.0000, 0.0000,
0.0000

■ 200.1960,
-13.9006, 25.2611

■ 227.5980,
-13.6058, 24.0316

■ 247.2260, -9.4784,

6.8178

■ 71.2600, -10.9742,
19.9430

■ 71.2600, -10.9742,
19.9430

■ 66.7120, -13.1690,
23.9316

■ 75.8080, -8.7793,
15.9544

■ 61.4630, -15.5113,
28.5349

■ 81.0570, -6.4371,
11.3510

■ 56.9150, -17.7061,
32.5235

■ 85.6050, -4.2423,
7.3624

■ 52.2530, -20.3377,
36.6121

■ 90.2670, -1.6106,
3.2738

■ 47.7050, -22.5326,
40.6007

■ 94.8150, 0.5842,
-0.7148

■ 46.3030, -22.8274,
41.8303

■ 99.9500, 2.4897,
-5.2181

■ 104.6120, 5.1213,
-9.3067

■ 109.1600, 7.3161,
-13.2953

■ 113.8220, 9.9478,
-17.3839

Harmonies

Analogous

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



72.3620, -5.6015, 23.3615



71.2600, -10.9742, 19.9430



70.5210, -13.5679, 11.8211

Triad

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



71.2600, -10.9742, 19.9430



64.1880, 1.3863, -24.7209



71.3060, 12.6671, -2.8994

Complementary

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



71.2600, -10.9742, 19.9430



71.7400, 10.9742, -19.9430

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.



67.7770, 14.8999, -19.0984



71.2600, -10.9742, 19.9430



61.5980, 9.5652, -34.7274

Square

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



71.2600, -10.9742, 19.9430



67.0880, -6.9454, -12.3552



63.5750, 14.5065, -32.9533



73.0150, 7.3876, 10.5108

Rectangle

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



71.2600, -10.9742, 19.9430



69.5910, -13.1094, 4.7437



63.5750, 14.5065, -32.9533



70.5010, 13.5570, -8.3324

Sweetspot

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



71.2600, -10.9742, 19.9430



113.6050, -4.2423, 7.3624



65.8750, 6.4706, 24.6656



55.7510, -2.3422, 4.6034



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



71.2600, -10.9742, 19.9430



87.1320, -16.8271, 30.5792



84.1740, -17.3408, 8.6174



43.6690, -1.3158, 2.0443



54.6090, -26.9222, 48.5779



117.2360, -57.7973, 105.0330

Inverse Universe

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



71.7400, 10.9742, -19.9430



87.8680, 16.8271, -30.5792



58.8260, 17.3408, -8.6174



43.3310, 1.3158, -2.0443



55.3910, 26.9222, -48.5779



119.7640, 57.7973, -105.0330

Previews

White Background



This preview shows how the YUV color 71.2600, -10.9742, 19.9430 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



This preview shows how the YUV color 71.2600, -10.9742, 19.9430 looks on a 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 71.2600, -10.9742, 19.9430

Background



This preview shows how black text looks on a background with the YUV color 71.2600, -10.9742, 19.9430.

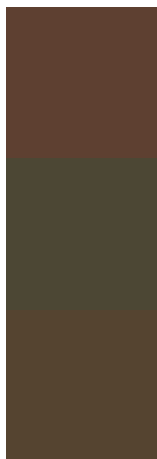


This preview shows how white text looks on a background with the YUV color 71.2600, -10.9742,

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

71.2600, -10.9742, 19.9430

Protanopia

70.3290, -9.0362, 4.9735

Deuteranopia

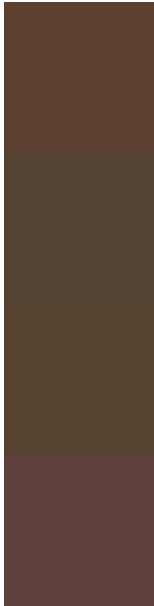
70.8030, -11.2419, 12.4508



Tritanopia

72.3230, -3.1172, 19.8877

Trichromacy



Original Color

71.2600, -10.9742, 19.9430

Protanomaly

70.5470, -9.6367, 10.9213

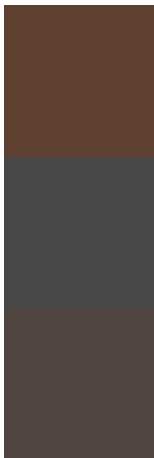
Deuteranomaly

71.1130, -11.3947, 14.8099

Tritanomaly

72.2260, -6.0274, 19.9728

Monochromacy



Original Color

71.2600, -10.9742, 19.9430

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7190, -3.8055, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2600, -10.9742, 19.9430 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(94, 64, 49)` looks like.

```
.text, #text, p{  
    color:rgb(94, 64, 49)  
}
```

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(94, 64, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 64, 49) }
```

Border

The CSS property to change the border of an element to YUV 71.2600, -10.9742, 19.9430 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(94, 64, 49) }
```


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

```
.border{ border-color:rgb(94, 64, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 64, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 64, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 64, 49);  
box-shadow:4px 4px 4px 4px rgb(94, 64, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2600, -10.9742, 19.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 64, 49) }
```

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

```
.background{ background-color: rgb(94, 64,  
49) }
```

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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