

Converting Colors

YUV(41.2600, -10.9742,
19.9430)

Have a look what the booklet for
YUV(41.2600, -10.9742, 19.9430)
contains.

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Color

**YUV(41.2600, -10.9742,
19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	402213
RGB	64, 34, 19
RGB Percent	25%, 13%, 7%
CMY	0.7490, 0.8667, 0.9255
CMYK	0.00, 0.47, 0.70, 0.75
HSL	20°, 54%, 16%
HSV	20°, 70%, 25%
XYZ	2.8039, 2.2811, 0.9086
YIQ	41.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

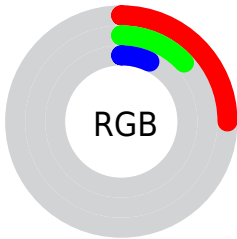
Format	Color
RYB	64, 42, 19
Decimal	4203027
CIELab	16.90, 12.69, 16.14
CIELCh	17, 20.532, 51.816
Yxy	2.2811, 0.4678, 0.3806
Android (android.graphics.Color)	4282393107 (0xFF402213)
YUV	41.2600, -10.9742, 19.9430
Hunter-Lab	15.1032, 6.7082, 7.0054

Details

The YUV color **41.2600, -10.9742, 19.9430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41.7400, 10.9742, -19.9430**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.4130, -13.0216, 23.3168**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.2280, -12.4374, 22.6020**, and if you desaturate by 10%, it is **44.2920, -9.5110, 17.2839**.

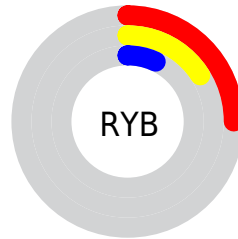
Distribution



Red (25%)

Green (13%)

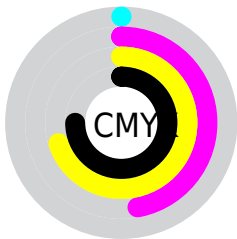
Blue (7%)



Red (25%)

Yellow (16%)

Blue (7%)

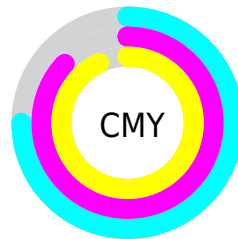


Cyan (0%)

Magenta (47%)

Yellow (70%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2600, -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 41.2600, -10.9742, 19.9430 by changing the saturation by 10% instead.

■ 41.2600, -10.9742,
19.9430

■ 41.2600, -10.9742,
19.9430

■ 253.7460, -4.8048,
1.0998

■ 19.8900, -9.8058,
18.5135

■ 87.4130, -13.0216,
23.3168

■ 0.0000, 0.0000,
0.0000

■ 112.3100,
-13.4638, 25.1611

■ 137.7940,
-14.1954, 26.4907


■ 164.2780,
-14.9271, 27.8202


■ 191.5770,
-15.0745, 28.4350


■ 219.1750,


-15.3693, 29.6645


 239.8740,
-12.2629, 13.2655


 41.2600, -10.9742,
19.9430


 41.2600, -10.9742,
19.9430


 38.2280, -12.4374,
22.6020


 44.2920, -9.5110,
17.2839


 34.4950, -14.0480,
25.8759

 48.0250, -7.9003,
14.0101

 31.4630, -15.5113,
28.5349

 51.0570, -6.4371,
11.3510

 54.2030, -4.5371,
8.5920

 57.2350, -3.0739,
5.9329

■ 60.8540, -1.9000,
2.7590

■ 64.0000, 0.0000,
0.0000

■ 67.0320, 1.4632,
-2.6591

■ 70.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



41.8890, -4.8753, 23.7763



41.2600, -10.9742, 19.9430



40.1790, -14.8782, 12.1210

Triad

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



41.2600, -10.9742, 19.9430



32.9810, 1.9814, -28.9243



41.5230, 13.5462, -4.8437

Complementary

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



41.2600, -10.9742, 19.9430



41.7400, 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.



33.9220, 18.2795, -29.7496



41.2600, -10.9742, 19.9430



34.6910, 8.5333, -30.4240

Square

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



41.2600, -10.9742, 19.9430



36.7890, -6.7980, -12.9700



35.4720, 14.0643, -31.1089



43.5420, 8.1138, 10.9257

Rectangle

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



41.2600, -10.9742, 19.9430



39.8360, -14.7091, 4.5288



35.4720, 14.0643, -31.1089



40.1200, 14.7308, -11.5062

Sweetspot

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



41.2600, -10.9742, 19.9430



74.9040, -4.3897, 7.9772



35.8750, 6.4706, 24.6656



37.7510, -2.3422, 4.6034



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



41.2600, -10.9742, 19.9430



48.3170, -17.4113, 31.2940



54.7610, -17.6302, 8.1026



31.4840, -0.7316, 1.3295



47.7870, -23.5590, 43.1598



111.0010, -54.7235, 99.1001

Inverse Universe

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



41.7400, 10.9742, -19.9430



49.2700, 17.1219, -31.8088



28.8260, 17.3408, -8.6174



31.5160, 0.7316, -1.3295



49.2130, 23.5590, -43.1598



113.5860, 54.4341, -99.6149

Previews

White Background



This preview shows how the YUV color 41.2600, -10.9742, 19.9430 looks on a white background.

Color Contrast Check

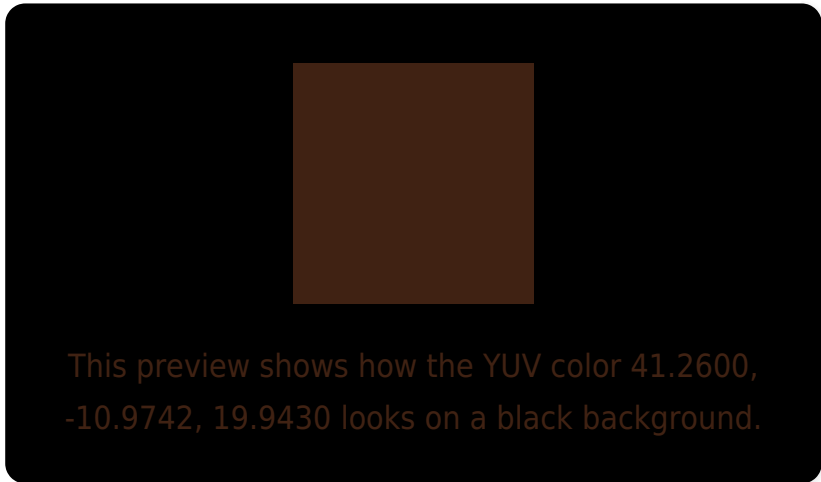
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

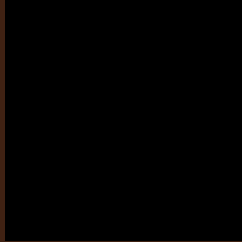
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2600, -10.9742, 19.9430

Background



This preview shows how black text looks on a background with the YUV color 41.2600, -10.9742, 19.9430.

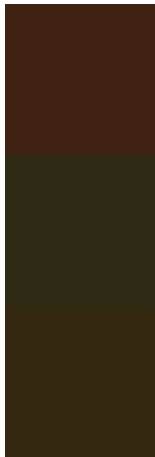


This preview shows how white text looks on a background with the YUV color 41.2600, -10.9742,

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

41.2600, -10.9742, 19.9430

Protanopia

41.2150, -9.4730, 5.0734

Deuteranopia

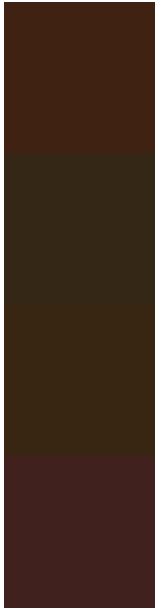
41.2650, -11.9626, 10.2916



Tritanopia

42.0950, -3.9908, 20.0877

Trichromacy



Original Color

41.2600, -10.9742, 19.9430

Protanomaly

41.1340, -9.9261, 10.4065

Deuteranomaly

41.4010, -11.5367, 13.6803

Tritanomaly

42.1120, -6.4642, 20.0728

Monochromacy



Original Color

41.2600, -10.9742, 19.9430

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7190, -3.8055, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2600, -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(64, 34, 19)` looks like.

```
.text, #text, p{  
    color:rgb(64, 34, 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(64, 34, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 34, 19) }
```

Border

The CSS property to change the border of an element to YUV 41.2600, -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(64, 34, 19) }
```


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

```
.border{ border-color:rgb(64, 34, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 34, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 34, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 34, 19);  
box-shadow:4px 4px 4px 4px rgb(64, 34, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.2600, -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(64, 34, 19) }
```

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

```
.background{ background-color: rgb(64, 34,  
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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