

Converting Colors

YUV(41.2530, -20.3377,
36.6121)

Have a look what the booklet for
YUV(41.2530, -20.3377, 36.6121)
contains.

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Color

**YUV(41.2530, -20.3377,
36.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	531C00
RGB	83, 28, 0
RGB Percent	33%, 11%, 0%
CMY	0.6745, 0.8902, 1.0000
CMYK	0.00, 0.66, 1.00, 0.67
HSL	20°, 100%, 16%
HSV	20°, 100%, 33%
XYZ	3.9825, 2.6695, 0.3054
YIQ	41.2530, 41.7680, 2.9520

Conversions

Conversions Part 2

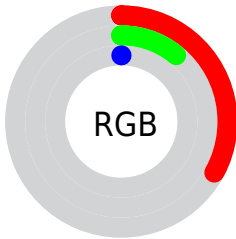
Format	Color
R_{YB}	83, 42, 0
Decimal	5446656
CIE _{Lab}	18.67, 24.23, 27.82
CIE _{LCh}	19, 36.893, 48.944
Yxy	2.6695, 0.5724, 0.3837
Android (android.graphics.Color)	4283636736 (0xFF531C00)
YUV	41.2530, -20.3377, 36.6121
Hunter-Lab	16.3386, 14.9167, 10.3289

Details

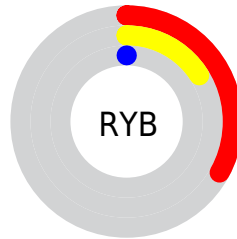
The YUV color **41.2530, -20.3377, 36.6121** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.7470, 20.3377, -36.6121**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.7590, -21.0802, 41.4304**, and **9.6820, -4.2802, 19.5729** is the 20% darker color. If you saturate the color by 10%, you get **41.2530, -20.3377, 36.6121**, and if you desaturate by 10%, it is **45.1000, -18.2903, 33.2383**.

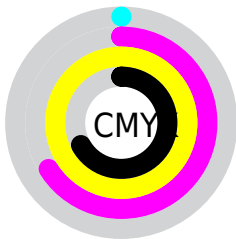
Distribution



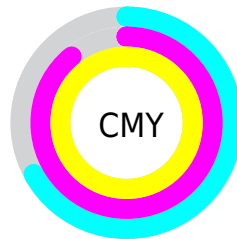
- Red (33%)
- Green (11%)
- Blue (0%)



- Red (33%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (66%)
- Yellow (100%)
- Black (67%)



- Cyan (67%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2530, -20.3377, 36.6121 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 41.2530, -20.3377, 36.6121 by changing the saturation by 10% instead.

■ 41.2530, -20.3377,
36.6121

■ 41.2530, -20.3377,
36.6121

■ 251.8080,
-12.2303, 2.7994

■ 19.6790, -9.7017,
31.8535

■ 89.7590, -21.0802,
41.4304

■ 9.6820, -4.2802,
19.5729

■ 115.1400,
-22.2540, 44.6042

■ 0.0000, 0.0000,
0.0000


■ 141.5100,
-23.4224, 46.0337


■ 168.5920,
-24.4489, 48.5928


■ 195.9620,
-25.6173, 50.0223


■ 215.4870,


-21.9321, 34.6529


 235.5880,
-18.5309, 17.0243


 41.2530, -20.3377,
36.6121

 45.1000, -18.2903,
33.2383

 49.6480, -16.0955,
29.2497

 54.0820, -14.3374,
25.3611

 57.9290, -12.2900,
21.9873

 61.7760, -10.2426,
18.6134

■ 66.3240, -8.0477,
14.6249

■ 70.1710, -6.0003,
11.2510

■ 74.6050, -4.2423,
7.3624

■ 78.5660, -1.7580,
3.8886

Harmonies

Analogous

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



39.1460, -4.5090, 46.3530



41.2530, -20.3377, 36.6121



43.5020, -21.4465, 18.8537

Triad

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



41.2530, -20.3377, 36.6121



36.7480, -1.3548, -32.2280



41.0830, 27.5671, -21.9978

Complementary

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



41.2530, -20.3377, 36.6121



41.7470, 20.3377, -36.6121

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.



41.6960, 27.7579, -36.5674



41.2530, -20.3377, 36.6121



40.5270, 10.5862, -35.5422

Square

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



41.2530, -20.3377, 36.6121



32.7520, -14.1747, -26.9695



42.6760, 21.3587, -37.4269



46.2900, 17.1120, 18.1627

Rectangle

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



41.2530, -20.3377, 36.6121



42.5390, -20.9717, 6.5433



42.6760, 21.3587, -37.4269



38.2880, 29.9310, -33.5786

Sweetspot

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



41.2530, -20.3377, 36.6121



91.0250, -7.9003, 14.0101



31.0870, 11.7891, 45.5277



44.0890, -4.9739, 8.6919



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



41.2530, -20.3377, 36.6121



53.1250, -26.1906, 47.2484



65.3200, -32.2028, 15.5054



38.7830, -0.8790, 1.9443



51.9400, -25.6064, 46.5336



115.1540, -56.7709, 102.4739

Inverse Universe

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



41.7470, 20.3377, -36.6121



53.8750, 26.1906, -47.2484



17.6800, 32.2028, -15.5054



38.6300, 1.1684, -1.4295



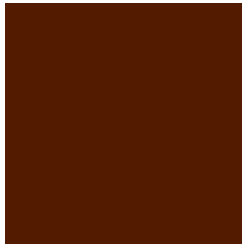
52.4730, 25.8958, -46.0188



116.8460, 56.7709, -102.4739

Previews

White Background



This preview shows how the YUV color 41.2530, -20.3377, 36.6121 looks on a white background.

Color Contrast Check

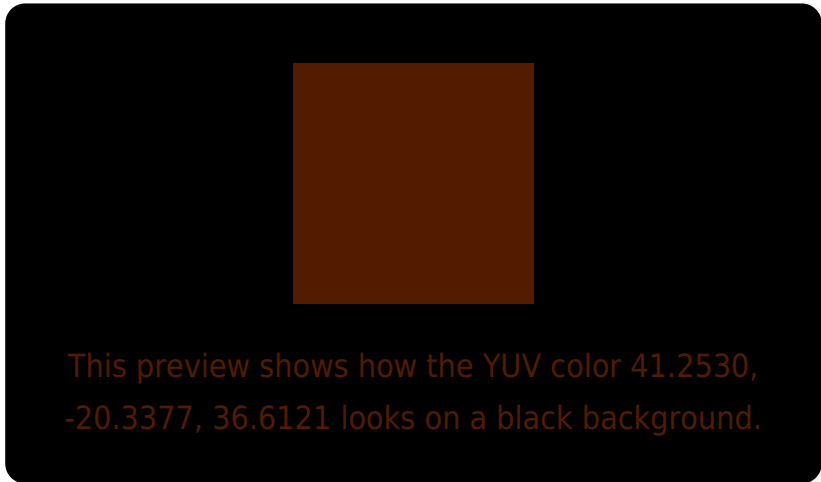
Large Text (above 18pt) WCAG AA ✓ Pass

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

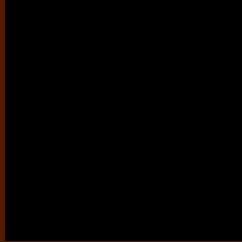
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2530, -20.3377, 36.6121

Background



This preview shows how black text looks on a background with the YUV color 41.2530, -20.3377, 36.6121.



This preview shows how white text looks on a background with the YUV color 41.2530, -20.3377,

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

41.2530, -20.3377, 36.6121

Protanopia

44.4620, -17.4828, 7.4878

Deuteranopia

44.0560, -21.7196, 13.1059



Tritanopia

43.4560, -8.1128, 35.5571

Trichromacy



Original Color

41.2530, -20.3377, 36.6121

Protanomaly

43.3000, -18.3889, 18.1539

Deuteranomaly

43.2250, -21.3099, 21.7277

Tritanomaly

42.9030, -12.7702, 36.0421

Monochromacy



Original Color

41.2530, -20.3377, 36.6121

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8400, -7.3161, 13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2530, -20.3377, 36.6121 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(83, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 28, 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(83, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 28, 0) }
```

Border

The CSS property to change the border of an element to YUV 41.2530, -20.3377, 36.6121 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(83, 28, 0) }
```


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

```
.border{ border-color:rgb(83, 28, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 28, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 28, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 28, 0); box-shadow:4px  
4px 4px 4px rgb(83, 28, 0) }
```

Background

The CSS property to change the background color of an element to YUV 41.2530, -20.3377, 36.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 28, 0) }
```

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

```
.background{ background-color: rgb(83, 28,  
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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