

# Converting Colors

YUV(60.3250, -9.5272, 22.5170)

Have a look what the booklet for  
YUV(60.3250, -9.5272, 22.5170)  
contains.

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# Color

**YUV(60.3250, -9.5272,  
22.5170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	563329
RGB	86, 51, 41
RGB Percent	34%, 20%, 16%
CMY	0.6627, 0.8000, 0.8392
CMYK	0.00, 0.41, 0.52, 0.66
HSL	13°, 35%, 25%
HSV	13°, 52%, 34%
XYZ	5.4218, 4.5062, 2.6818
YIQ	60.3250, 24.0700, 4.3100

# Conversions

## Conversions Part 2

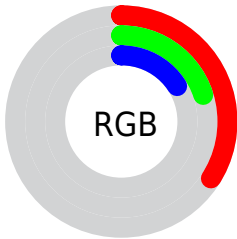
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	86, 54, 41
Decimal	5649193
CIE Lab	25.28, 14.55, 12.98
CIE LCh	25, 19.497, 41.739
Yxy	4.5062, 0.4300, 0.3574
Android (android.graphics.Color)	4283839273 (0xFF563329)
YUV	60.3250, -9.5272, 22.5170
Hunter-Lab	21.2278, 8.4424, 7.3690

# Details

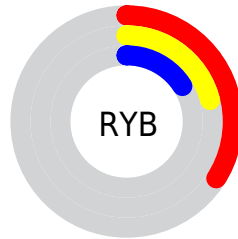
The YUV color **60.3250, -9.5272, 22.5170** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.6750, 9.5272, -22.5170**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5920, -11.1379, 25.7908**, and **15.7700, -7.7746, 20.3727** is the 20% darker color. If you saturate the color by 10%, you get **55.1900, -11.4327, 27.0204**, and if you desaturate by 10%, it is **65.4600, -7.6218, 18.0136**.

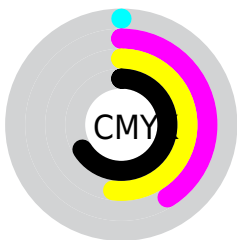
# Distribution



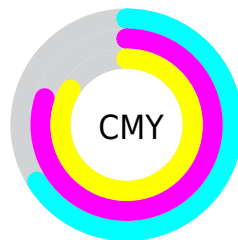
- Red (34%)
- Green (20%)
- Blue (16%)



- Red (34%)
- Yellow (21%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.3250, -9.5272, 22.5170 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 60.3250, -9.5272, 22.5170 by changing the saturation by 10% instead.



■ 60.3250, -9.5272,  
22.5170

■ 60.3250, -9.5272,  
22.5170

■ 255.0000, 0.0000,  
0.0000

■ 37.6560, -8.2114,  
20.4727

■ 108.5920,  
-11.1379, 25.7908

■ 15.7700, -7.7746,  
20.3727

■ 134.1900,  
-11.4327, 27.0204

■ 0.0000, 0.0000,  
0.0000

■ 160.3750,  
-12.0169, 27.7351

■ 187.2720,  
-12.4591, 29.5795

■ 215.4570,  
-13.0433, 30.2942

■ 236.5800, -9.6529,

16.1543

253.9740, -3.9312,  
0.8998

60.3250, -9.5272,  
22.5170

60.3250, -9.5272,  
22.5170

55.1900, -11.4327,  
27.0204

65.4600, -7.6218,  
18.0136

50.7560, -13.1907,  
30.9090

69.8940, -5.8637,  
14.1250

45.6210, -15.0962,  
35.4124

75.0290, -3.9583,  
9.6216

40.6000, -16.5648,  
39.8158

80.0500, -2.4896,  
5.2182

36.8670, -18.1754,  
43.0896

84.5980, -0.2948,  
1.2296

■ 89.7330, 1.6106,  
-3.2738

■ 94.7540, 3.0793,  
-7.6773

■ 99.8890, 4.9847,  
-12.1807

■ 104.3230, 6.7428,  
-16.0693

# Harmonies

## Analogous

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



60.7580, -2.8387, 23.8912



60.3250, -9.5272, 22.5170



59.5430, -13.5787, 15.3098

# Triad

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



60.3250, -9.5272, 22.5170



53.4010, -1.6767, -22.2767



59.1310, 14.7254, -9.7619

# Complementary

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



60.3250, -9.5272, 22.5170



66.6750, 9.5272, -22.5170

# 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.



53.5800, 16.9691, -29.4497



60.3250, -9.5272, 22.5170



47.9240, 8.4185, -40.2753

# Square

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



60.3250, -9.5272, 22.5170



56.7250, -9.7244, -7.6518



48.3350, 15.1178, -42.3898



61.6770, 10.0192, 6.4223



# Rectangle

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



60.3250, -9.5272, 22.5170



58.6840, -14.1412, 9.0471



48.3350, 15.1178, -42.3898



57.6140, 15.4733, -16.3245

# Sweetspot

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



60.3250, -9.5272, 22.5170



101.7300, -3.8109, 9.0068



58.4450, 8.6546, 24.1657



50.0500, -2.4897, 5.2181



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



60.3250, -9.5272, 22.5170



71.7350, -14.6594, 35.3124



73.2390, -15.8938, 11.1914



40.7830, -0.8790, 1.9443



46.0810, -22.7179, 53.4260



100.7890, -49.6890, 117.7030



# Inverse Universe

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



66.6750, 9.5272, -22.5170



81.6780, 14.9487, -34.7976



53.7610, 15.8938, -11.1914



41.2170, 0.8790, -1.9443



60.9190, 22.7179, -53.4260



133.6240, 49.9784, -117.1882



# Previews

## White Background



This preview shows how the YUV color 60.3250, -9.5272, 22.5170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

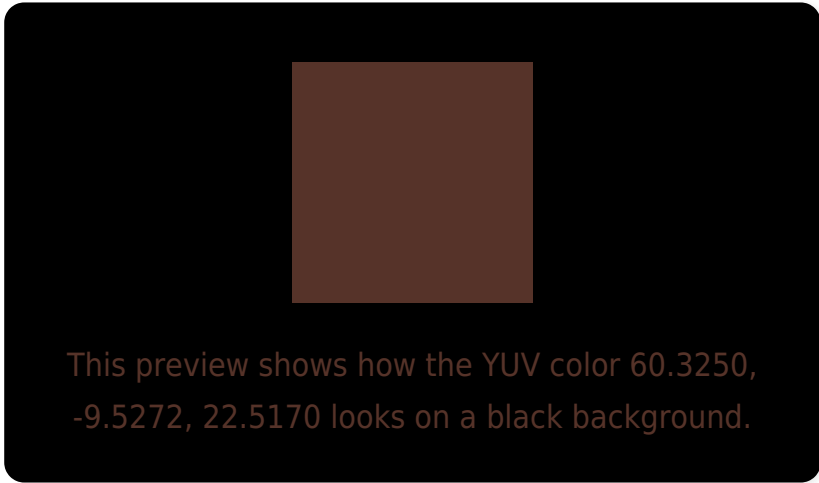
Any Text WCAG AA ✓ Pass

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

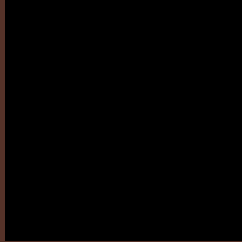
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 60.3250, -9.5272, 22.5170

## Background



This preview shows how black text looks on a background with the YUV color 60.3250, -9.5272, 22.5170.



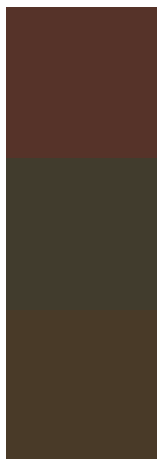
This preview shows how white text looks on a background with the YUV color 60.3250, -9.5272,



# 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

60.3250, -9.5272, 22.5170

### Protanopia

59.7850, -7.2890, 4.5736

### Deuteranopia

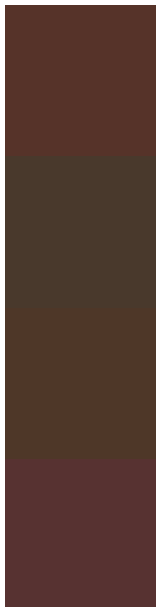
60.4330, -10.0735, 11.0213



## Tritanopia

60.8180, -3.8543, 22.9616

# Trichromacy



## Original Color

60.3250, -9.5272, 22.5170

## Protanomaly

60.3020, -8.0369, 11.1361

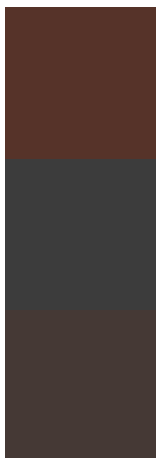
## Deuteranomaly

60.1670, -9.9423, 15.6395

## Tritanomaly

60.9490, -5.8909, 22.8467

# Monochromacy



## Original Color

60.3250, -9.5272, 22.5170

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

60.1320, -3.5161, 7.7772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.3250, -9.5272, 22.5170 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(86, 51, 41)` looks like.

```
.text, #text, p{  
    color:rgb(86, 51, 41)  
}
```

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(86, 51, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 51, 41) }
```

## Border

The CSS property to change the border of an element to YUV 60.3250, -9.5272, 22.5170 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(86, 51, 41) }
```



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

```
.border{ border-color:rgb(86, 51, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 51, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 51, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 51, 41);  
box-shadow:4px 4px 4px 4px rgb(86, 51, 41)  
}
```

# Background

The CSS property to change the background color of an element to YUV 60.3250, -9.5272, 22.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 51, 41) }
```

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

```
.background{ background-color: rgb(86, 51,  
41) }
```

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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