

# Converting Colors

YUV(37.3230, 7.2358, 59.3527)

Have a look what the booklet for  
YUV(37.3230, 7.2358, 59.3527)  
contains.

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# Color

**YUV(37.3230, 7.2358,  
59.3527)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	690034
RGB	105, 0, 52
RGB Percent	41%, 0%, 20%
CMY	0.5882, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.50, 0.59
HSL	330°, 100%, 21%
HSV	330°, 100%, 41%
XYZ	6.4455, 3.2512, 3.5366
YIQ	37.3230, 45.8880, 38.4320

# Conversions

## Conversions Part 2

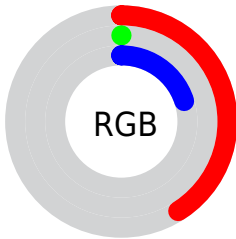
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 0, 52
Decimal	6881332
CIE Lab	21.02, 44.31, 0.02
CIE LCh	21, 44.315, 0.026
Yxy	3.2512, 0.4871, 0.2457
Android (android.graphics.Color)	4285071412 (0xFF690034)
YUV	37.3230, 7.2358, 59.3527
Hunter-Lab	18.0311, 32.2537, 0.9925

# Details

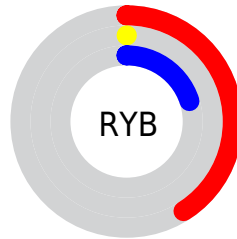
The YUV color **37.3230, 7.2358, 59.3527** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **67.6770, -7.2358, -59.3527**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.7050, 1.1314, 57.2637**, and **17.1290, -5.4866, 33.2129** is the 20% darker color. If you saturate the color by 10%, you get **37.3230, 7.2358, 59.3527**, and if you desaturate by 10%, it is **43.7630, 6.5258, 53.7048**.

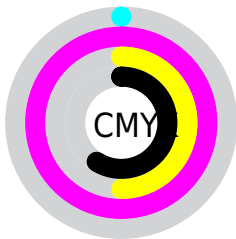
# Distribution



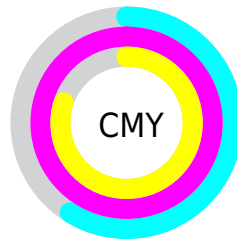
- Red (41%)
- Green (0%)
- Blue (20%)



- Red (41%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 37.3230, 7.2358, 59.3527 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 37.3230, 7.2358, 59.3527 by changing the saturation by 10% instead.



37.3230, 7.2358,  
59.3527

37.3230, 7.2358,  
59.3527

254.4130, 0.2894,  
0.5148

26.8560, 2.0430,  
44.8533

95.7050, 1.1314,  
57.2637

17.1290, -5.4866,  
33.2129

122.1890, 0.3998,  
58.5932

4.1860, -2.0637,  
8.6069

149.0860, -0.0424,  
60.4376

0.0000, 0.0000,  
0.0000


176.8690, -0.9214,  
62.3819


198.5900, 2.1741,  
49.4716


218.2180, 6.3015,


32.2578


 237.3900, 8.6817,  
15.4440


 37.3230, 7.2358,  
59.3527

 43.7630, 6.5258,  
53.7048

 50.9040, 5.9633,  
47.4422

 57.9310, 4.9640,  
41.2795

 64.3710, 4.2541,  
35.6316

 71.5120, 3.6916,  
29.3690

■ 77.9520, 2.9817,  
23.7211

■ 84.9790, 1.9824,  
17.5584

■ 91.4190, 1.2724,  
11.9105

■ 98.5600, 0.7099,  
5.6479

# Harmonies

## Analogous

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



48.2150, 17.6420, 34.8914



37.3230, 7.2358, 59.3527



41.2950, -10.4984, 54.1153

# Triad

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



37.3230, 7.2358, 59.3527



43.3150, -21.3543, -10.8003



48.5920, 28.7951, -42.6152

# Complementary

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



37.3230, 7.2358, 59.3527



67.6770, -7.2358, -59.3527

# 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.



47.0300, 17.7332, -41.2453



37.3230, 7.2358, 59.3527



37.9900, -11.8271, -33.3172

# Square

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



37.3230, 7.2358, 59.3527



47.6000, -23.4668, 13.5058



43.2680, 3.3189, -37.9460



45.6230, 35.1889, -40.0114



# Rectangle

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



37.3230, 7.2358, 59.3527



45.1290, -22.2486, 42.8599



43.2680, 3.3189, -37.9460



48.4950, 25.8850, -42.5301

# Sweetspot

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



37.3230, 7.2358, 59.3527



110.9520, 2.9817, 23.7211



27.8170, 38.0512, 22.0855



52.8430, 1.5564, 14.1697



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



37.3230, 7.2358, 59.3527



49.0140, 9.3601, 78.0407



31.3950, -15.4777, 64.5516



50.1360, 0.4260, 3.3887



41.5950, 8.0877, 66.1302



87.0490, 16.7378, 138.5230



# Inverse Universe

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



37.3230, 7.2358, 59.3527



49.0140, 9.3601, 78.0407



73.6050, 15.4777, -64.5516



50.1360, 0.4260, 3.3887



41.5950, 8.0877, 66.1302

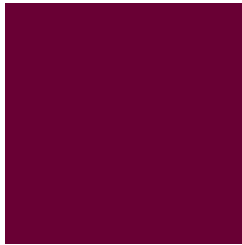


87.0490, 16.7378, 138.5230



# Previews

## White Background



This preview shows how the YUV color 37.3230, 7.2358, 59.3527 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

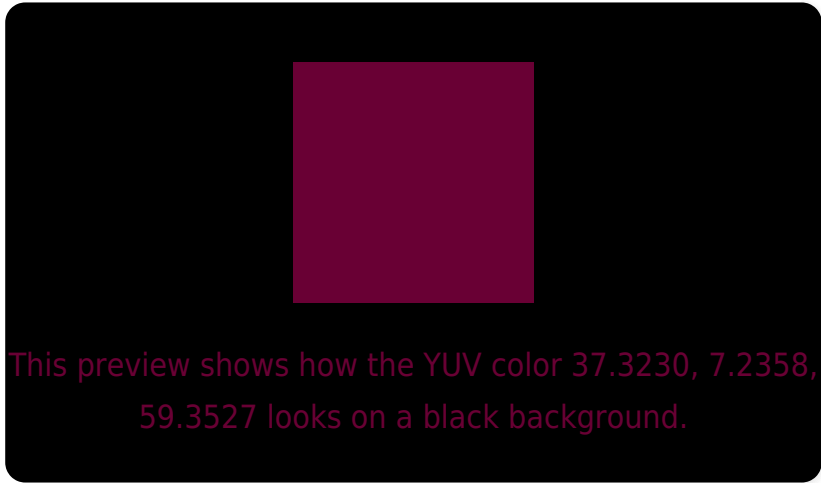
Any Text WCAG AA ✓ Pass

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 37.3230, 7.2358, 59.3527

## Background



This preview shows how black text looks on a background with the YUV color 37.3230, 7.2358, 59.3527.



This preview shows how white text looks on a background with the YUV color 37.3230, 7.2358,



# 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

37.3230, 7.2358, 59.3527

### Protanopia

54.6000, 10.0572, -5.7882

### Deuteranopia

55.1210, -3.5107, 6.0329



## Tritanopia

45.8170, -12.2348, 51.0265

# Trichromacy



## Original Color

37.3230, 7.2358, 59.3527

## Protanomaly

48.2270, 9.2551, 18.2179

## Deuteranomaly

48.8660, 0.0661, 25.5505

## Tritanomaly

42.3750, -5.1149, 54.0451

# Monochromacy



## Original Color

37.3230, 7.2358, 59.3527

## Achromatopsia

37.0000, 0.0000, 0.0000

## Achromatomaly

37.4140, 2.2609, 21.5619

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 37.3230, 7.2358, 59.3527 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(105, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 52)  
}
```

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(105, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 52) }
```

## Border

The CSS property to change the border of an element to YUV 37.3230, 7.2358, 59.3527 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(105, 0, 52) }
```



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

```
.border{ border-color:rgb(105, 0, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 0, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(105, 0, 52)  
}
```

# Background

The CSS property to change the background color of an element to YUV 37.3230, 7.2358, 59.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 52) }
```

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

```
.background{ background-color: rgb(105, 0,  
52) }
```

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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