

# Converting Colors

YUV(53.1650, 3.3697, 39.3203)

Have a look what the booklet for  
YUV(53.1650, 3.3697, 39.3203)  
contains.

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# Color

**YUV(53.1650, 3.3697,  
39.3203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	621D3C
RGB	98, 29, 60
RGB Percent	38%, 11%, 24%
CMY	0.6157, 0.8863, 0.7647
CMYK	0.00, 0.70, 0.39, 0.62
HSL	333°, 54%, 25%
HSV	333°, 70%, 38%
XYZ	6.2920, 3.8016, 4.6771
YIQ	53.1650, 31.1730, 24.2690

# Conversions

## Conversions Part 2

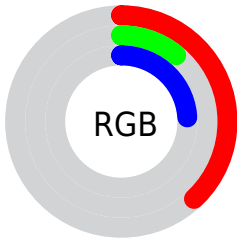
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 29, 60
Decimal	6430012
CIELab	23.00, 34.14, -2.79
CIElCh	23, 34.256, 355.321
Yxy	3.8016, 0.4260, 0.2574
Android (android.graphics.Color)	4284620092 (0xFF621D3C)
YUV	53.1650, 3.3697, 39.3203
Hunter-Lab	19.4978, 23.4811, -0.5740

# Details

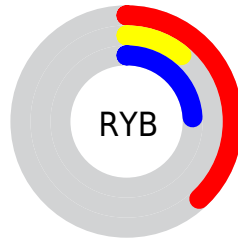
The YUV color **53.1650, 3.3697, 39.3203** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.8350, -3.3697, -39.3203**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1330, 1.9064, 41.9794**, and **16.7030, 0.6394, 28.3245** is the 20% darker color. If you saturate the color by 10%, you get **46.7250, 4.0796, 44.9682**, and if you desaturate by 10%, it is **59.6050, 2.6597, 33.6724**.

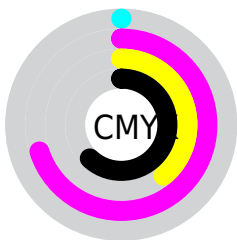
# Distribution



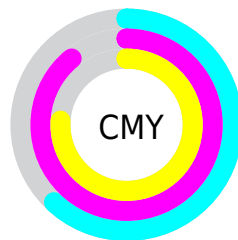
- Red (38%)
- Green (11%)
- Blue (24%)



- Red (38%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.1650, 3.3697, 39.3203 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 53.1650, 3.3697, 39.3203 by changing the saturation by 10% instead.



■ 53.1650, 3.3697,  
39.3203

■ 53.1650, 3.3697,  
39.3203

■ 255.0000, 0.0000,  
0.0000

■ 26.4470, 5.6956,  
39.9500

■ 103.1330, 1.9064,  
41.9794

■ 16.7030, 0.6394,  
28.3245

■ 129.0300, 1.4642,  
43.8237

■ 2.9900, -1.4741,  
6.1478

■ 155.9270, 1.0220,  
45.6680

■ 0.0000, 0.0000,  
0.0000

■ 183.5250, 0.7272,  
46.8976

■ 207.9480, 2.4906,  
41.2646

■ 227.5760, 6.6180,

24.0508

246.1950, 4.3409,  
7.7220

53.1650, 3.3697,  
39.3203

53.1650, 3.3697,  
39.3203

46.7250, 4.0796,  
44.9682

59.6050, 2.6597,  
33.6724

40.1710, 4.3527,  
50.7160

66.1590, 2.3866,  
27.9246

34.3180, 4.7732,  
55.8491

72.0120, 1.9661,  
22.7915

78.5660, 1.6930,  
17.0436

85.0060, 0.9830,  
11.3957

■ 91.4460, 0.2731,  
5.7479

■ 98.0000, 0.0000,  
0.0000

■ 103.8530, -0.4205,  
-5.1331

■ 110.4070, -0.6937,  
-10.8809

# Harmonies

## Analogous

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



56.4000, 13.6068, 22.4512



53.1650, 3.3697, 39.3203



52.0870, -8.4239, 42.0197

# Triad

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



53.1650, 3.3697, 39.3203



49.0880, -23.7074, -2.7082



48.6260, 23.8484, -42.6450

# Complementary

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



53.1650, 3.3697, 39.3203



73.8350, -3.3697, -39.3203

# 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.



47.9930, 13.8075, -42.0899



53.1650, 3.3697, 39.3203



42.0980, -8.9223, -31.6579

# Square

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



53.1650, 3.3697, 39.3203



51.7530, -25.5142, 16.8796



44.4420, 2.7401, -38.9756



46.7170, 29.2265, -40.9708



# Rectangle

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



53.1650, 3.3697, 39.3203



52.5780, -16.5540, 36.3271



44.4420, 2.7401, -38.9756



48.5290, 20.9382, -42.5599

# Sweetspot

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



53.1650, 3.3697, 39.3203



110.4410, 1.2616, 15.3992



48.2280, 24.5376, 16.4630



53.5820, 0.6991, 9.1366



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



53.1650, 3.3697, 39.3203



57.8780, 5.4831, 61.4970



51.3920, -11.0393, 40.8752



45.4240, 0.2840, 2.2592



39.1880, 5.3303, 63.8561



84.0720, 11.7965, 136.7489



# Inverse Universe

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



53.1650, 3.3697, 39.3203



57.8780, 5.4831, 61.4970



75.6080, 11.0393, -40.8752



45.4240, 0.2840, 2.2592



39.1880, 5.3303, 63.8561

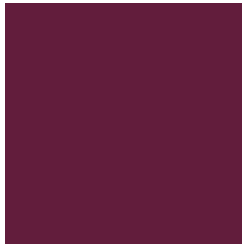


84.0720, 11.7965, 136.7489



# Previews

## White Background



This preview shows how the YUV color 53.1650, 3.3697, 39.3203 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

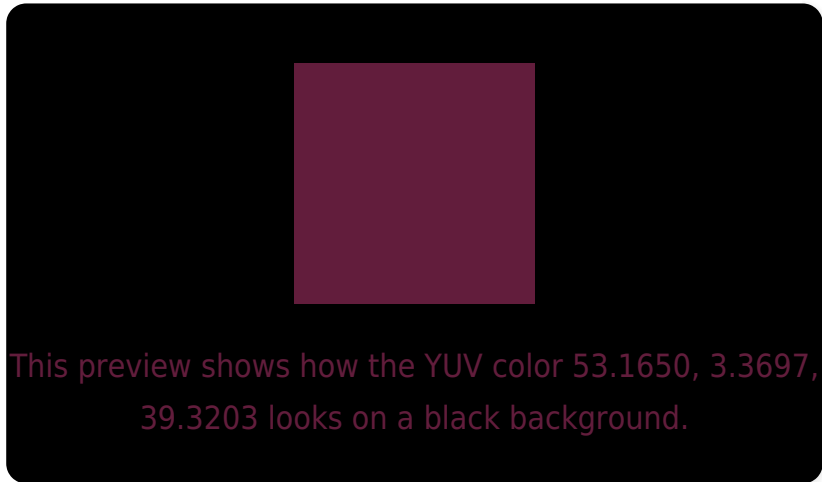
Any Text WCAG AA ✓ Pass

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

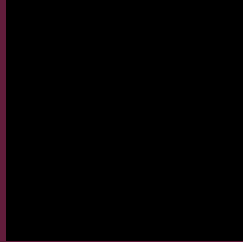
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 53.1650, 3.3697, 39.3203

## Background



This preview shows how black text looks on a background with the YUV color 53.1650, 3.3697, 39.3203.



This preview shows how white text looks on a background with the YUV color 53.1650, 3.3697, 39.3203.



# 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

53.1650, 3.3697, 39.3203

### Protanopia

56.6000, 10.0572, -5.7882

### Deuteranopia

56.4350, 0.2785, 4.0035



## Tritanopia

53.4670, -8.1182, 37.3014

# Trichromacy



## Original Color

53.1650, 3.3697, 39.3203

## Protanomaly

55.1290, 7.8244, 10.4109

## Deuteranomaly

55.1530, 1.4036, 16.5288

## Tritanomaly

53.5040, -4.1925, 38.1460

# Monochromacy



## Original Color

53.1650, 3.3697, 39.3203

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

52.8430, 1.5564, 14.1697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.1650, 3.3697, 39.3203 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(98, 29, 60)` looks like.

```
.text, #text, p{  
    color:rgb(98, 29, 60)  
}
```

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(98, 29, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 29, 60) }
```

## Border

The CSS property to change the border of an element to YUV 53.1650, 3.3697, 39.3203 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(98, 29, 60) }
```



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

```
.border{ border-color:rgb(98, 29, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 29, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 29, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 29, 60);  
box-shadow:4px 4px 4px 4px rgb(98, 29, 60)  
}
```

# Background

The CSS property to change the background color of an element to YUV 53.1650, 3.3697, 39.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 29, 60) }
```

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

```
.background{ background-color: rgb(98, 29,  
60) }
```

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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