

# Converting Colors

YUV(52.7770, -8.2711, 39.6606)

Have a look what the booklet for  
YUV(52.7770, -8.2711, 39.6606)  
contains.

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# Color

**YUV(52.7770, -8.2711,  
39.6606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	622124
RGB	98, 33, 36
RGB Percent	38%, 13%, 14%
CMY	0.6157, 0.8706, 0.8588
CMYK	0.00, 0.66, 0.63, 0.62
HSL	357°, 50%, 26%
HSV	357°, 66%, 38%
XYZ	5.8993, 3.8118, 2.0939
YIQ	52.7770, 37.7770, 14.7130

# Conversions

## Conversions Part 2

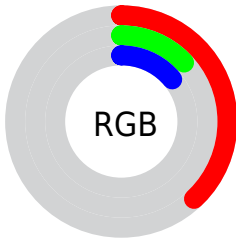
Format	Color
R <sub>Y</sub> B	98, 33, 36
Decimal	6431012
CIE Lab	23.04, 29.69, 13.73
CIE LCh	23, 32.713, 24.808
Yxy	3.8118, 0.4997, 0.3229
Android (android.graphics.Color)	4284621092 (0xFF622124)
YUV	52.7770, -8.2711, 39.6606
Hunter-Lab	19.5237, 19.7691, 7.3079

# Details

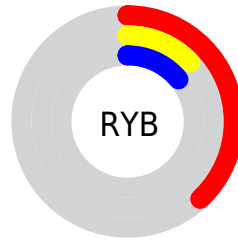
The YUV color **52.7770, -8.2711, 39.6606** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.2230, 8.2711, -39.6606**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.4140, -11.0501, 44.3639**, and **14.3520, -7.0755, 29.5093** is the 20% darker color. If you saturate the color by 10%, you get **45.8810, -9.3083, 45.7084**, and if you desaturate by 10%, it is **59.6730, -7.2338, 33.6128**.

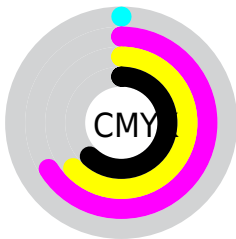
# Distribution



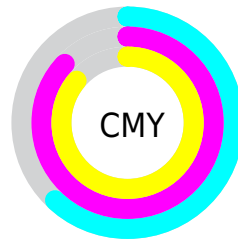
- Red (38%)
- Green (13%)
- Blue (14%)



- Red (38%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.7770, -8.2711, 39.6606 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 52.7770, -8.2711, 39.6606 by changing the saturation by 10% instead.



■ 52.7770, -8.2711,  
39.6606

■ 52.7770, -8.2711,  
39.6606

255.0000, 0.0000,  
0.0000

■ 27.9340, -6.3765,  
38.6459

■ 102.4140,  
-11.0501, 44.3639

■ 14.3520, -7.0755,  
29.5093

■ 128.1970,  
-11.9291, 46.3082

■ 0.0000, 0.0000,  
0.0000

■ 154.7950,  
-12.2239, 47.5378

■ 181.9910,  
-12.8136, 49.9969

■ 205.5880,  
-11.6289, 43.3343

■ 225.2160, -7.5015,

26.1206

245.4310, -3.6635,  
8.3920

52.7770, -8.2711,  
39.6606

52.7770, -8.2711,  
39.6606

45.8810, -9.3083,  
45.7084

59.6730, -7.2338,  
33.6128

38.8710, -10.7824,  
51.8561

66.6830, -5.7597,  
27.4650

32.5620, -12.1091,  
57.3891

72.9920, -4.4331,  
21.9320

29.8720, -12.2619,  
59.7483

79.8880, -3.3958,  
15.8842

86.8980, -1.9217,  
9.7365

■ 93.7940, -0.8844,  
3.6887

■ 100.6900, 0.1528,  
-2.3591

■ 107.1130, 1.9163,  
-7.9921

■ 114.0090, 2.9536,  
-14.0399

# Harmonies

## Analogous

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



53.7410, 3.0857, 37.0611



52.7770, -8.2711, 39.6606



52.6760, -18.5743, 30.9791

# Triad

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



52.7770, -8.2711, 39.6606



44.0060, -9.3700, -28.0693



46.4890, 28.3529, -40.7709

# Complementary

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



52.7770, -8.2711, 39.6606



78.2230, 8.2711, -39.6606

# 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.



48.3980, 22.9748, -42.4450



52.7770, -8.2711, 39.6606



44.4420, 2.7401, -38.9756

# Square

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



52.7770, -8.2711, 39.6606



49.7290, -22.5444, -2.3933



47.2920, 13.6600, -41.4751



54.6890, 21.8453, -6.7433



# Rectangle

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



52.7770, -8.2711, 39.6606



52.0140, -24.6569, 21.9127



47.2920, 13.6600, -41.4751



47.4350, 26.9005, -41.6005

# Sweetspot

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



52.7770, -8.2711, 39.6606



109.8880, -3.3958, 15.8842



58.9480, 19.2526, 31.6176



52.8980, -1.9217, 9.7365



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.



52.7770, -8.2711, 39.6606



56.3670, -12.9989, 62.8221



69.4580, -17.9738, 25.0313



45.1960, -0.5896, 2.4591



34.0580, -14.3256, 68.3551



73.0140, -30.5729, 146.4467



# Inverse Universe

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



52.7770, -8.2711, 39.6606



56.3670, -12.9989, 62.8221



61.5420, 17.9738, -25.0313



45.1960, -0.5896, 2.4591



34.0580, -14.3256, 68.3551

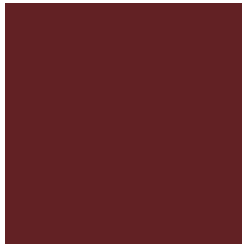


73.0140, -30.5729, 146.4467



# Previews

## White Background



This preview shows how the YUV color 52.7770, -8.2711, 39.6606 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

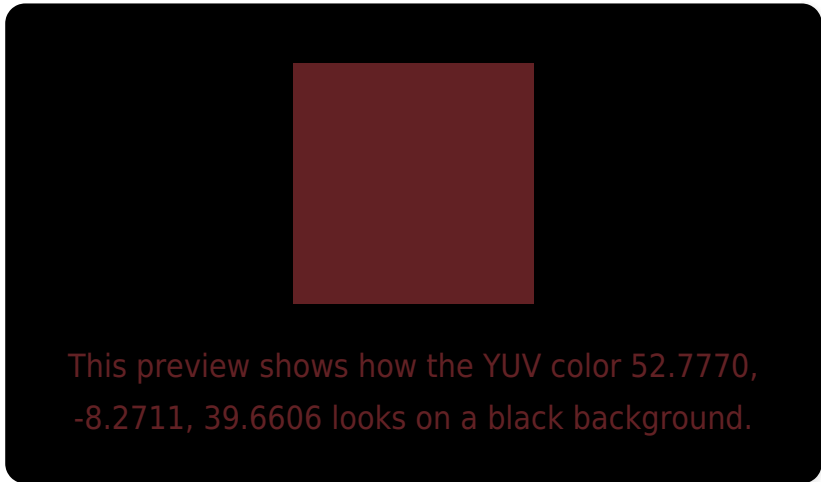
Any Text WCAG AA ✓ Pass

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

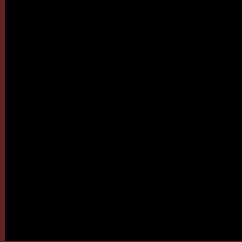
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 52.7770, -8.2711, 39.6606**

## **Background**



This preview shows how black text looks on a background with the YUV color 52.7770, -8.2711, 39.6606.



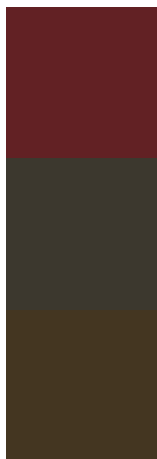
This preview shows how white text looks on a background with the YUV color 52.7770, -8.2711,



# 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

52.7770, -8.2711, 39.6606

### Protanopia

56.0560, -4.9576, 3.4589

### Deuteranopia

55.7920, -11.2365, 10.7064



## Tritanopia

52.6630, -8.7079, 39.7605

# Trichromacy



## Original Color

52.7770, -8.2711, 39.6606

## Protanomaly

55.0900, -6.4534, 16.5841

## Deuteranomaly

54.4990, -10.1060, 21.4874

## Tritanomaly

52.6630, -8.7079, 39.7605

# Monochromacy



## Original Color

52.7770, -8.2711, 39.6606

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

52.9910, -2.9536, 14.0399

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.7770, -8.2711, 39.6606 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, 33, 36)` looks like.

```
.text, #text, p{  
    color:rgb(98, 33, 36)  
}
```

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, 33, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 33, 36) }
```

## Border

The CSS property to change the border of an element to YUV 52.7770, -8.2711, 39.6606 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, 33, 36) }
```



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

```
.border{ border-color:rgb(98, 33, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 33, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 33, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 33, 36);  
box-shadow:4px 4px 4px 4px rgb(98, 33, 36)  
}
```

# Background

The CSS property to change the background color of an element to YUV 52.7770, -8.2711, 39.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 33, 36) }
```

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

```
.background{ background-color: rgb(98, 33,  
36) }
```

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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