

# Converting Colors

YUV(63.7040, -14.1511,  
59.0186)

Have a look what the booklet for  
YUV(63.7040, -14.1511, 59.0186)  
contains.

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# Color

**YUV(63.7040, -14.1511,  
59.0186)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	832323
RGB	131, 35, 35
RGB Percent	51%, 14%, 14%
CMY	0.4863, 0.8627, 0.8627
CMYK	0.00, 0.73, 0.73, 0.49
HSL	0°, 58%, 33%
HSV	0°, 73%, 51%
XYZ	10.2645, 6.1487, 2.2359
YIQ	63.7040, 57.2160, 20.3520

# Conversions

## Conversions Part 2

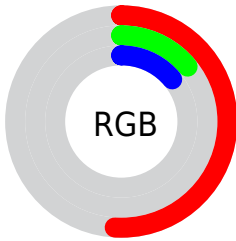
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 35, 35
Decimal	8594211
CIE Lab	29.78, 40.76, 24.17
CIE LCh	30, 47.386, 30.669
Yxy	6.1487, 0.5504, 0.3297
Android (android.graphics.Color)	4286784291 (0xFF832323)
YUV	63.7040, -14.1511, 59.0186
Hunter-Lab	24.7966, 30.4955, 12.0114

# Details

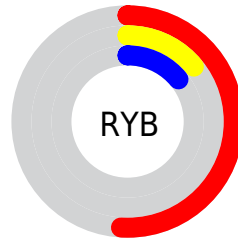
The YUV color **63.7040, -14.1511, 59.0186** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **102.2960, 14.1511, -59.0186**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9990, -18.2405, 64.0219**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **54.5910, -16.0674, 67.0107**, and if you desaturate by 10%, it is **72.8170, -12.2348, 51.0265**.

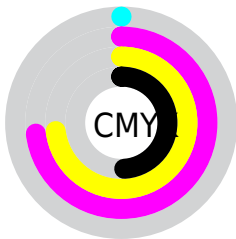
# Distribution



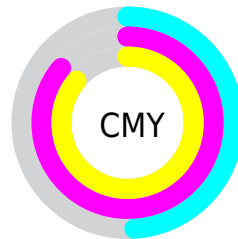
- Red (51%)
- Green (14%)
- Blue (14%)



- Red (51%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (73%)
- Black (49%)



- Cyan (49%)
- Magenta (86%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.7040, -14.1511, 59.0186 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 63.7040, -14.1511, 59.0186 by changing the saturation by 10% instead.



■ 63.7040, -14.1511,  
59.0186

■ 63.7040, -14.1511,  
59.0186

255.0000, 0.0000,  
0.0000

■ 33.2680, -9.4991,  
60.2780

■ 116.9990,  
-18.2405, 64.0219

■ 22.4250, -11.0555,  
46.1083

■ 143.6680,  
-19.5563, 66.0662

■ 15.1780, -6.4968,  
30.5389

■ 171.0490,  
-20.7302, 69.2400

■ 0.0000, 0.0000,  
0.0000

■ 191.9440,  
-18.2134, 55.3001

■ 210.8710,  
-14.2334, 38.7011

■ 230.9720,

-10.8322, 21.0726

251.3010, -6.5574,  
3.2440

63.7040, -14.1511,  
59.0186

63.7040, -14.1511,  
59.0186

54.5910, -16.0674,  
67.0107

72.8170, -12.2348,  
51.0265

45.4780, -17.9837,  
75.0028

81.9300, -10.3185,  
43.0344

39.1690, -19.3103,  
80.5358

91.0430, -8.4022,  
35.0423

100.1560, -6.4859,  
27.0502

109.9700, -4.4222,  
18.4433

■ 119.0830, -2.5059,  
10.4512

■ 128.1960, -0.5896,  
2.4591

■ 137.3090, 1.3267,  
-5.5330

■ 146.4220, 3.2430,  
-13.5251

# Harmonies

## Analogous

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



63.1230, 3.8834, 61.2821



63.7040, -14.1511, 59.0186



65.4850, -32.2841, 41.6707

# Triad

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



63.7040, -14.1511, 59.0186



52.8420, -10.7681, -46.3424



60.4410, 41.1946, -53.0068

# Complementary

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



63.7040, -14.1511, 59.0186



102.2960, 14.1511, -59.0186

# 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.



63.9970, 34.5115, -56.1254



63.7040, -14.1511, 59.0186



58.4620, 5.6882, -51.2712

# Square

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



63.7040, -14.1511, 59.0186



60.7250, -29.9374, -11.1598



62.6800, 21.8498, -54.9704



70.5290, 31.2912, -3.0949



# Rectangle

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



63.7040, -14.1511, 59.0186



66.2720, -32.6721, 26.0715



62.6800, 21.8498, -54.9704



62.0880, 39.8896, -54.4512

# Sweetspot

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



63.7040, -14.1511, 59.0186



144.3620, -5.6015, 23.3615



74.6480, 27.7815, 49.4207



70.8770, -3.3904, 14.1399



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



63.7040, -14.1511, 59.0186



65.8500, -22.1110, 92.2166



91.8800, -28.0418, 34.3082



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443



# Inverse Universe

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



102.2960, 14.1511, -59.0186



126.1500, 22.1111, -92.2165



74.1200, 28.0418, -34.3082



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443



# Previews

## White Background



This preview shows how the YUV color 63.7040, -14.1511, 59.0186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

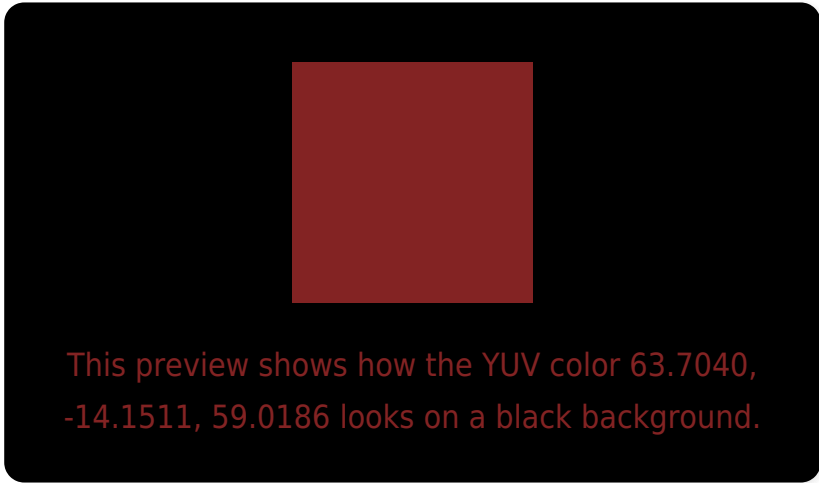
Any Text WCAG AA ✓ Pass

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

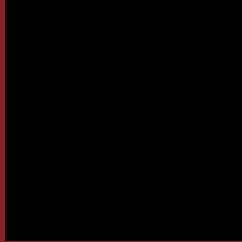
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 63.7040, -14.1511, 59.0186

## Background



This preview shows how black text looks on a background with the YUV color 63.7040, -14.1511, 59.0186.



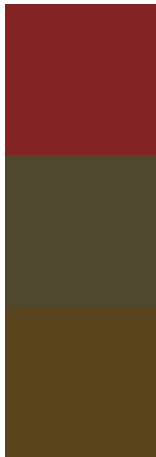
This preview shows how white text looks on a background with the YUV color 63.7040, -14.1511,



# 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

63.7040, -14.1511, 59.0186

### Protanopia

70.9440, -11.8044, 6.1881

### Deuteranopia

69.8330, -20.1307, 16.8095



## Tritanopia

63.8180, -13.7143, 58.9186

# Trichromacy



## Original Color

63.7040, -14.1511, 59.0186

## Protanomaly

68.5380, -12.5902, 24.9612

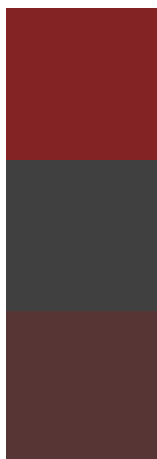
## Deuteranomaly

67.5020, -17.9955, 32.0087

## Tritanomaly

63.8180, -13.7143, 58.9186

# Monochromacy



## Original Color

63.7040, -14.1511, 59.0186

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.4650, -5.1592, 21.5172

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.7040, -14.1511, 59.0186 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(131, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(131, 35, 35)  
}
```

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(131, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 35, 35) }
```

## Border

The CSS property to change the border of an element to YUV 63.7040, -14.1511, 59.0186 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(131, 35, 35) }
```



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

```
.border{ border-color:rgb(131, 35, 35) }
```

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

Here you see how a box with a 4 pixel rgb(131, 35, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(131, 35,  
35) }
```

# Background

The CSS property to change the background color of an element to YUV 63.7040, -14.1511, 59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 35, 35) }
```

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

```
.background{ background-color: rgb(131, 35,  
35) }
```

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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