

# Converting Colors

YUV(91.2730, -7.0366, 63.7816)

Have a look what the booklet for  
YUV(91.2730, -7.0366, 63.7816)  
contains.

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# Color

**YUV(91.2730, -7.0366,  
63.7816)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4394D
RGB	164, 57, 77
RGB Percent	64%, 22%, 30%
CMY	0.3569, 0.7765, 0.6980
CMYK	0.00, 0.65, 0.53, 0.36
HSL	349°, 48%, 43%
HSV	349°, 65%, 64%
XYZ	18.1125, 11.3546, 8.2582
YIQ	91.2730, 57.3520, 28.9040

# Conversions

## Conversions Part 2

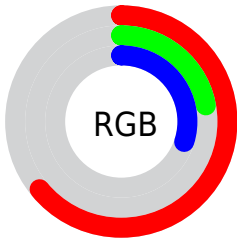
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 57, 77
Decimal	10762573
CIELab	40.17, 45.61, 12.19
CIElCh	40, 47.211, 14.961
Yxy	11.3546, 0.4801, 0.3010
Android (android.graphics.Color)	4288952653 (0xFFA4394D)
YUV	91.2730, -7.0366, 63.7816
Hunter-Lab	33.6966, 36.9780, 9.0571

# Details

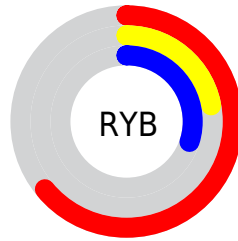
The YUV color **91.2730, -7.0366, 63.7816** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.7270, 7.0366, -63.7816**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6110, -9.6682, 67.8702**, and **35.7550, -1.3582, 62.4819** is the 20% darker color. If you saturate the color by 10%, you get **80.3990, -8.0847, 73.3181**, and if you desaturate by 10%, it is **102.1470, -5.9885, 54.2451**.

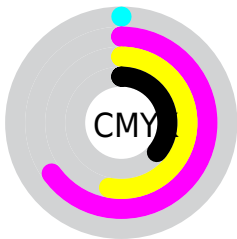
# Distribution



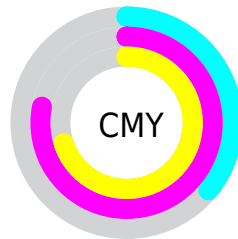
- Red (64%)
- Green (22%)
- Blue (30%)



- Red (64%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (53%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.2730, -7.0366, 63.7816 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 91.2730, -7.0366, 63.7816 by changing the saturation by 10% instead.



91.2730, -7.0366,  
63.7816

91.2730, -7.0366,  
63.7816

255.0000, 0.0000,  
0.0000

63.5440, -4.7052,  
62.6669

145.6110, -9.6682,  
67.8702

35.7550, -1.3582,  
62.4819

173.3940,  
-10.5472, 69.8145

24.8750, -6.8404,  
47.4676

192.8050, -7.2989,  
54.5450

16.3740, -7.0864,  
32.9980

212.4330, -3.1715,  
37.3313

2.3920, -1.1793,  
4.9182

232.6480, 0.6665,  
19.6027

0.0000, 0.0000,  
0.0000

252.0650, 1.4470,

2.5740

■ 91.2730, -7.0366,  
63.7816

■ 91.2730, -7.0366,  
63.7816

■ 80.3990, -8.0847,  
73.3181

■ 102.1470, -5.9885,  
54.2451

■ 68.8240, -9.2802,  
83.4694

■ 113.7220, -4.7929,  
44.0938

■ 57.9500, -10.3284,  
93.0058

■ 124.5960, -3.7448,  
34.5573

■ 52.5700, -10.6340,  
97.7241

■ 136.0570, -2.9861,  
24.5060

■ 147.0450, -1.5012,  
14.8695

■ 157.9190, -0.4531,  
5.3330

■ 169.3800, 0.3057,  
-4.7183

■ 180.3680, 1.7906,  
-14.3547

■ 191.8290, 2.5493,  
-24.4060

# Harmonies

## Analogous

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



94.4900, 10.6044, 52.1903



91.2730, -7.0366, 63.7816



91.2230, -24.7599, 55.0554

# Triad

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



91.2730, -7.0366, 63.7816



81.8630, -22.6105, -27.9439



80.3140, 43.7222, -70.4354

# Complementary

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



91.2730, -7.0366, 63.7816



129.7270, 7.0366, -63.7816

# 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.



82.0290, 32.5237, -71.9394



91.2730, -7.0366, 63.7816



74.0660, -0.5255, -64.9559

# Square

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



91.2730, -7.0366, 63.7816



87.2730, -41.0536, 7.6536



79.2130, 16.6570, -69.4698



88.9320, 39.9665, -32.3894



# Rectangle

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



91.2730, -7.0366, 63.7816



90.8010, -34.9049, 42.2705



79.2130, 16.6570, -69.4698



81.5050, 40.6700, -71.4799

# Sweetspot

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



91.2730, -7.0366, 63.7816



184.7690, -2.8441, 25.6356



94.9120, 34.0604, 42.1732



89.3440, -1.6486, 15.4843



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



91.2730, -7.0366, 63.7816



100.4670, -11.0762, 99.5684



107.7770, -25.0331, 49.3076



75.9190, -0.4531, 5.3330



46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661



# Inverse Universe

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



91.2730, -7.0366, 63.7816



100.4670, -11.0762, 99.5684



113.2230, 25.0331, -49.3076



75.9190, -0.4531, 5.3330



46.4330, -9.5805, 86.4433

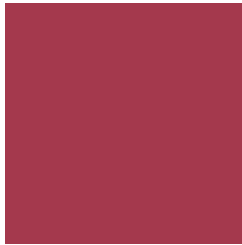


5.7240, -1.3429, 10.7661



# Previews

## White Background



This preview shows how the YUV color 91.2730, -7.0366, 63.7816 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 × Fail



# Black Background



This preview shows how the YUV color 91.2730, -7.0366, 63.7816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2730, -7.0366, 63.7816**

## **Background**



This preview shows how black text looks on a background with the YUV color 91.2730, -7.0366, 63.7816.



This preview shows how white text looks on a background with the YUV color 91.2730, -7.0366,



# 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

91.2730, -7.0366, 63.7816

### Protanopia

95.7120, 0.1420, 1.1296

### Deuteranopia

95.9990, -11.8315, 14.9099



## Tritanopia

91.1390, -13.8725, 63.0221

# Trichromacy



## Original Color

91.2730, -7.0366, 63.7816

## Protanomaly

93.8720, -2.4019, 23.7913

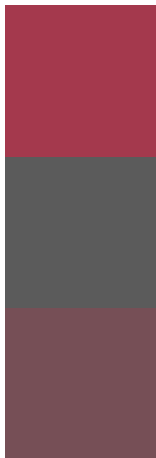
## Deuteranomaly

94.2770, -9.9966, 33.0831

## Tritanomaly

91.1220, -11.3991, 63.0370

# Monochromacy



## Original Color

91.2730, -7.0366, 63.7816

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

91.4590, -2.6913, 23.2765

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.2730, -7.0366, 63.7816 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(164, 57, 77)` looks like.

```
.text, #text, p{  
    color:rgb(164, 57, 77)  
}
```

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(164, 57, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 57, 77) }
```

## Border

The CSS property to change the border of an element to YUV 91.2730, -7.0366, 63.7816 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(164, 57, 77) }
```



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

```
.border{ border-color:rgb(164, 57, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 57, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 57, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 57, 77);  
box-shadow:4px 4px 4px 4px rgb(164, 57,  
77) }
```

# Background

The CSS property to change the background color of an element to YUV 91.2730, -7.0366, 63.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 57, 77) }
```

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

```
.background{ background-color: rgb(164, 57,  
77) }
```

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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