

Converting Colors

YUV(63.7630, -10.2362,
63.3518)

Have a look what the booklet for
YUV(63.7630, -10.2362, 63.3518)
contains.

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Color

**YUV(63.7630, -10.2362,
63.3518)**

Conversions

Conversions Part 1

Format	Color
Hex	881F2B
RGB	136, 31, 43
RGB Percent	53%, 12%, 17%
CMY	0.4667, 0.8784, 0.8314
CMYK	0.00, 0.77, 0.68, 0.47
HSL	353°, 63%, 33%
HSV	353°, 77%, 53%
XYZ	11.0794, 6.3886, 2.9347
YIQ	63.7630, 58.7280, 25.9920

Conversions

Conversions Part 2

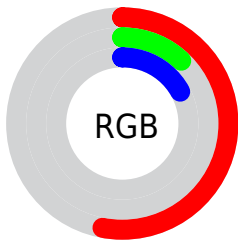
Format	Color
R_{YB}	136, 31, 43
Decimal	8920875
CIE _{Lab}	30.37, 44.37, 19.99
CIE _{LCh}	30, 48.660, 24.253
Yxy	6.3886, 0.5430, 0.3131
Android (android.graphics.Color)	4287110955 (0xFF881F2B)
YUV	63.7630, -10.2362, 63.3518
Hunter-Lab	25.2757, 34.0112, 10.8091

Details

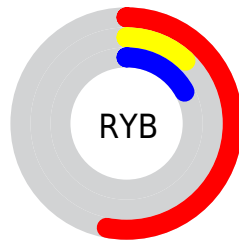
The YUV color **63.7630, -10.2362, 63.3518** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.2370, 10.2362, -63.3518**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2320, -14.9044, 67.3255**, and **23.9200, -11.7926, 49.1822** is the 20% darker color. If you saturate the color by 10%, you get **54.1770, -11.4263, 71.7588**, and if you desaturate by 10%, it is **73.3490, -9.0461, 54.9449**.

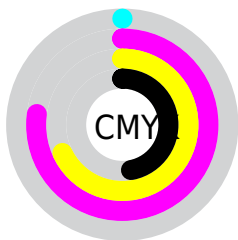
Distribution



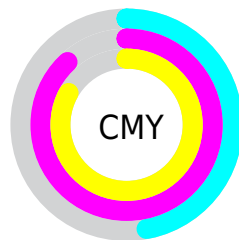
- Red (53%)
- Green (12%)
- Blue (17%)



- Red (53%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (68%)
- Black (47%)



- Cyan (47%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7630, -10.2362, 63.3518 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 63.7630, -10.2362, 63.3518 by changing the saturation by 10% instead.

63.7630, -10.2362,
63.3518

63.7630, -10.2362,
63.3518

255.0000, 0.0000,
0.0000

34.6150, -5.7262,
63.4816

118.2320,
-14.9044, 67.3255

23.9200, -11.7926,
49.1822

145.3140,
-15.9308, 69.8846

16.3740, -7.0864,
32.9980

172.9830,
-17.2466, 71.9289

2.0930, -1.0318,
4.3034

191.7960,
-13.7034, 55.4299

0.0000, 0.0000,
0.0000

211.4240, -9.5760,
38.2162

231.5250, -6.1748,

20.5876

251.8540, -1.9000,
2.7590

63.7630, -10.2362,
63.3518

63.7630, -10.2362,
63.3518

54.1770, -11.4263,
71.7588

73.3490, -9.0461,
54.9449

45.1780, -12.9058,
79.6509

82.3480, -7.5666,
47.0528

42.4880, -13.0586,
82.0100

91.9340, -6.3765,
38.6459

100.9330, -4.8970,
30.7538

110.5190, -3.7069,
22.3468

■ 120.1050, -2.5168,
13.9399

■ 129.1040, -1.0373,
6.0478

■ 138.6900, 0.1528,
-2.3591

■ 147.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



64.5620, 8.1039, 60.8971



63.7630, -10.2362, 63.3518



66.6860, -30.4112, 47.6334

Triad

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



63.7630, -10.2362, 63.3518



52.5170, -14.5519, -46.0574



62.6580, 42.0736, -54.9511

Complementary

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



63.7630, -10.2362, 63.3518



103.2370, 10.2362, -63.3518

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.



65.6440, 33.2065, -57.5698



63.7630, -10.2362, 63.3518



58.8380, 2.0519, -51.6009

Square

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



63.7630, -10.2362, 63.3518



63.1280, -31.1221, -4.4973



63.2840, 19.0870, -55.5001



69.4780, 35.2603, -16.2052

Rectangle

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



63.7630, -10.2362, 63.3518



67.4900, -33.2726, 32.0193



63.2840, 19.0870, -55.5001



64.6640, 39.6056, -56.7103

Sweetspot

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



63.7630, -10.2362, 63.3518



147.8290, -3.8597, 24.7060



70.7770, 32.1549, 46.6766



71.8170, -2.3748, 15.0695



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



63.7630, -10.2362, 63.3518



63.2020, -15.8756, 98.9238



85.8750, -27.0534, 43.9596



64.2070, -0.5951, 4.2035



41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Inverse Universe

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



63.7630, -10.2362, 63.3518



63.2020, -15.8756, 98.9238



81.1250, 27.0534, -43.9596



64.2070, -0.5951, 4.2035



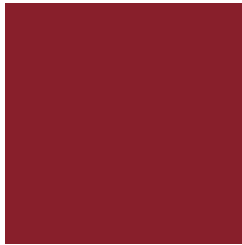
41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 63.7630, -10.2362, 63.3518 looks on a white background.

Color Contrast Check

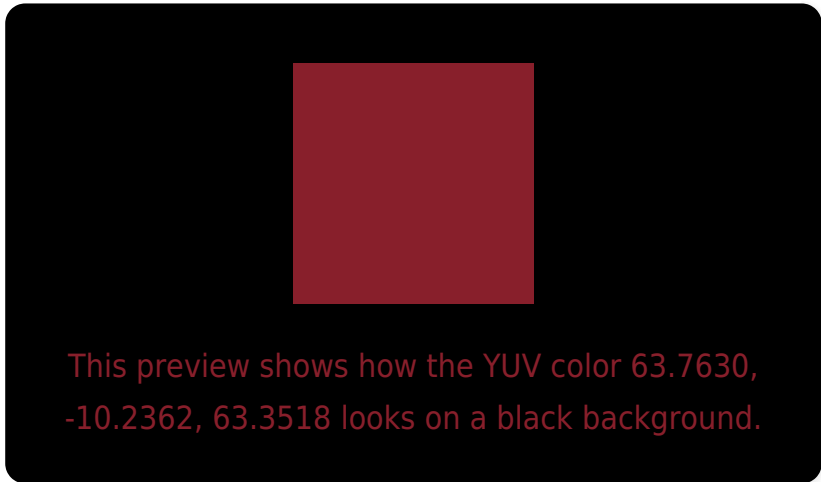
Large Text (above 18pt) WCAG AA ✓ Pass

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

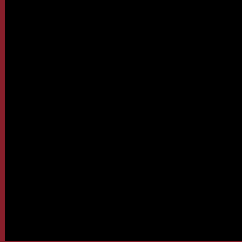
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7630, -10.2362, 63.3518

Background



This preview shows how black text looks on a background with the YUV color 63.7630, -10.2362, 63.3518.

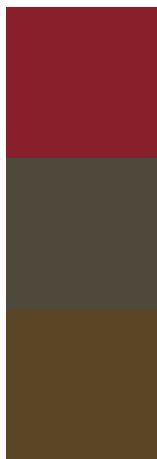


This preview shows how white text looks on a background with the YUV color 63.7630, -10.2362,

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

63.7630, -10.2362, 63.3518

Protanopia

72.8990, -6.8522, 4.4736

Deuteranopia

72.2180, -17.3625, 15.5948



Tritanopia

63.9110, -14.7461, 63.2221

Trichromacy



Original Color

63.7630, -10.2362, 63.3518

Protanomaly

69.6890, -8.2277, 25.7057

Deuteranomaly

69.3110, -14.9433, 33.0533

Tritanomaly

63.6660, -13.1463, 63.4369

Monochromacy



Original Color

63.7630, -10.2362, 63.3518

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8180, -3.8543, 22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7630, -10.2362, 63.3518 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(136, 31, 43)` looks like.

```
.text, #text, p{  
    color:rgb(136, 31, 43)  
}
```

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(136, 31, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 31, 43) }
```

Border

The CSS property to change the border of an element to YUV 63.7630, -10.2362, 63.3518 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(136, 31, 43) }
```


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

```
.border{ border-color:rgb(136, 31, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 31, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 31, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 31, 43);  
box-shadow:4px 4px 4px 4px rgb(136, 31,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 63.7630, -10.2362, 63.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 31, 43) }
```

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

```
.background{ background-color: rgb(136, 31,  
43) }
```

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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