

Converting Colors

YUV(63.2620, -10.4822,
48.8822)

Have a look what the booklet for
YUV(63.2620, -10.4822, 48.8822)
contains.

YUV(63.2620, -10.4822, 48.8822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.2620, -10.4822,
48.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	77272A
RGB	119, 39, 42
RGB Percent	47%, 15%, 16%
CMY	0.5333, 0.8471, 0.8353
CMYK	0.00, 0.67, 0.65, 0.53
HSL	358°, 51%, 31%
HSV	358°, 67%, 47%
XYZ	8.7512, 5.5401, 2.7986
YIQ	63.2620, 46.7170, 17.8930

Conversions

Conversions Part 2

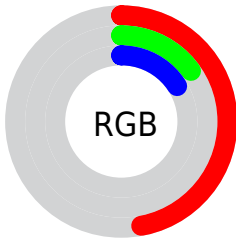
Format	Color
R_{YB}	119, 39, 42
Decimal	7808810
CIE _{Lab}	28.22, 35.17, 17.22
CIE _{LCh}	28, 39.158, 26.089
Yxy	5.5401, 0.5121, 0.3242
Android (android.graphics.Color)	4285998890 (0xFF77272A)
YUV	63.2620, -10.4822, 48.8822
Hunter-Lab	23.5375, 25.1752, 9.4267

Details

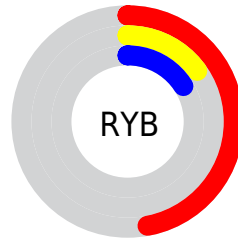
The YUV color **63.2620, -10.4822, 48.8822** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **94.7380, 10.4822, -48.8822**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7850, -13.6980, 53.6856**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **54.9640, -11.8143, 56.1596**, and if you desaturate by 10%, it is **71.5600, -9.1501, 41.6049**.

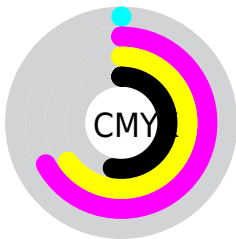
Distribution



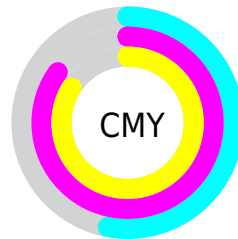
- Red (47%)
- Green (15%)
- Blue (16%)



- Red (47%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2620, -10.4822, 48.8822 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 63.2620, -10.4822, 48.8822 by changing the saturation by 10% instead.

■ 63.2620, -10.4822,
48.8822

■ 63.2620, -10.4822,
48.8822

255.0000, 0.0000,
0.0000

■ 36.7610, -7.2772,
47.5676

■ 114.7850,
-13.6980, 53.6856

■ 19.4350, -9.5815,
39.9605

■ 140.9810,
-14.2876, 56.1447

■ 12.3730, -5.6069,
25.1059

■ 168.3510,
-15.4560, 57.5742

■ 0.0000, 0.0000,
0.0000

■ 193.4430,
-15.0084, 53.9855

■ 212.3700,
-11.0284, 37.3865

■ 232.5850, -7.1904,

19.6580

252.9140, -2.9156,
1.8294

63.2620, -10.4822,
48.8822

63.2620, -10.4822,
48.8822

54.9640, -11.8143,
56.1596

71.5600, -9.1501,
41.6049

46.5520, -13.5831,
63.5369

79.9720, -7.3812,
34.2276

38.2540, -14.9152,
70.8142

88.2700, -6.0491,
26.9502

36.0370, -15.7942,
72.7586

96.6820, -4.2802,
19.5729

104.9800, -2.9481,
12.2955

■ 112.8050, -0.8899,
5.4330

■ 121.1030, 0.4422,
-1.8443

■ 129.5150, 2.2111,
-9.2217

■ 137.8130, 3.5432,
-16.4990

Harmonies

Analogous

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



64.6220, 3.6374, 46.8125



63.2620, -10.4822, 48.8822



63.9280, -24.1215, 36.8971

Triad

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



63.2620, -10.4822, 48.8822



50.5160, -9.6214, -40.7945



56.1550, 34.9266, -49.2479

Complementary

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



63.2620, -10.4822, 48.8822



94.7380, 10.4822, -48.8822

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.



59.0100, 28.0961, -51.7518



63.2620, -10.4822, 48.8822



54.0280, 3.9302, -47.3826

Square

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



63.2620, -10.4822, 48.8822



59.6380, -27.9225, -4.0675



57.4480, 17.0341, -50.3819



66.3560, 26.9395, -7.3282

Rectangle

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



63.2620, -10.4822, 48.8822



63.0270, -31.0723, 26.2863



57.4480, 17.0341, -50.3819



57.6880, 33.1848, -50.5924

Sweetspot

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



63.2620, -10.4822, 48.8822



133.7960, -3.8434, 19.4729



70.8440, 23.7409, 38.7248



65.7950, -2.3639, 11.5808



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



63.2620, -10.4822, 48.8822



68.1300, -16.8261, 77.0620



84.0520, -22.2106, 30.6494



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



75.7760, -32.9206, 152.7944

Inverse Universe

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



63.2620, -10.4822, 48.8822



68.1300, -16.8261, 77.0620



73.9480, 22.2106, -30.6494



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



75.7760, -32.9206, 152.7944

Previews

White Background



This preview shows how the YUV color 63.2620, -10.4822, 48.8822 looks on a white background.

Color Contrast Check

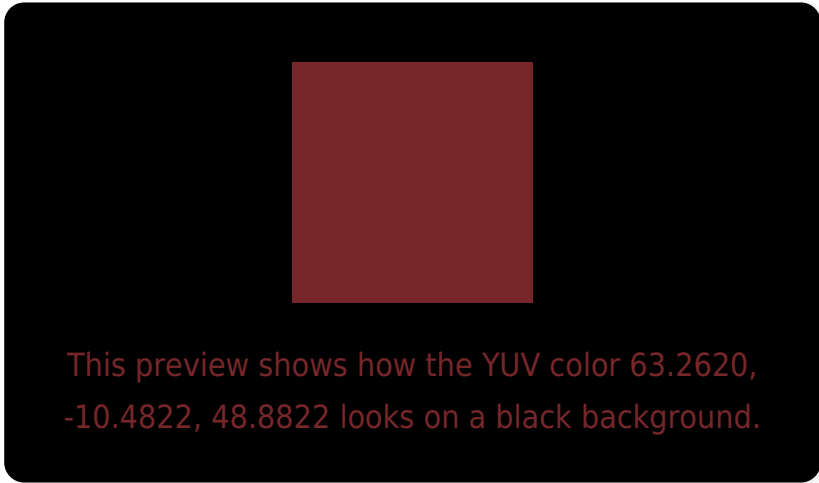
Large Text (above 18pt) WCAG AA ✓ Pass

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

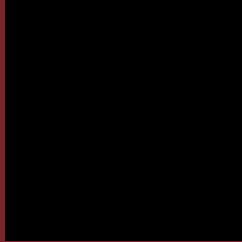
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2620, -10.4822, 48.8822

Background



This preview shows how black text looks on a background with the YUV color 63.2620, -10.4822, 48.8822.

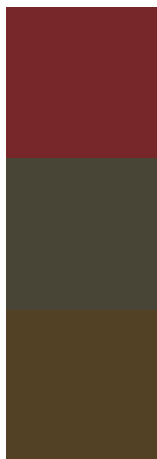


This preview shows how white text looks on a background with the YUV color 63.2620, -10.4822,

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

63.2620, -10.4822, 48.8822

Protanopia

67.6000, -6.7048, 3.8588

Deuteranopia

67.3040, -14.4469, 13.7654



Tritanopia

63.1480, -10.9190, 48.9822

Trichromacy



Original Color

63.2620, -10.4822, 48.8822

Protanomaly

65.7700, -7.7746, 20.3727

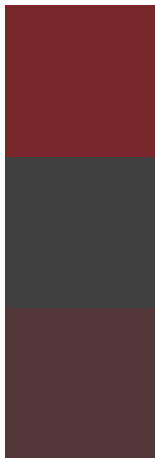
Deuteranomaly

66.0220, -13.3218, 26.2907

Tritanomaly

63.1480, -10.9190, 48.9822

Monochromacy



Original Color

63.2620, -10.4822, 48.8822

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7850, -3.8380, 17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2620, -10.4822, 48.8822 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(119, 39, 42)` looks like.

```
.text, #text, p{  
    color:rgb(119, 39, 42)  
}
```

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(119, 39, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 39, 42) }
```

Border

The CSS property to change the border of an element to YUV 63.2620, -10.4822, 48.8822 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(119, 39, 42) }
```


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

```
.border{ border-color:rgb(119, 39, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 39, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 39, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 39, 42);  
box-shadow:4px 4px 4px 4px rgb(119, 39,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 63.2620, -10.4822, 48.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 39, 42) }
```

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

```
.background{ background-color: rgb(119, 39,  
42) }
```

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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