

Converting Colors

YUV(63.3650, -19.8999,
82.9949)

Have a look what the booklet for
YUV(63.3650, -19.8999, 82.9949)
contains.

YUV(63.3650, -19.8999, 82.9949)	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(63.3650, -19.8999,
82.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1717
RGB	158, 23, 23
RGB Percent	62%, 9%, 9%
CMY	0.3804, 0.9098, 0.9098
CMYK	0.00, 0.85, 0.85, 0.38
HSL	0°, 75%, 35%
HSV	0°, 85%, 62%
XYZ	14.5616, 7.9438, 1.5764
YIQ	63.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

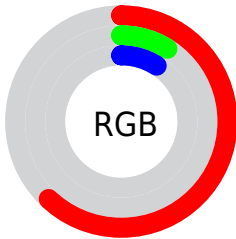
Format	Color
RYB	158, 23, 23
Decimal	10360599
CIELab	33.87, 52.61, 37.23
CIELCh	34, 64.447, 35.287
Yxy	7.9438, 0.6047, 0.3299
Android (android.graphics.Color)	4288550679 (0xFF9E1717)
YUV	63.3650, -19.8999, 82.9949
Hunter-Lab	28.1847, 42.8988, 16.4131

Details

The YUV color **63.3650, -19.8999, 82.9949** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **117.6350, 19.8999, -82.9949**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2530, -26.7467, 85.7241**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **52.1490, -22.2585, 92.8313**, and if you desaturate by 10%, it is **74.5810, -17.5414, 73.1585**.

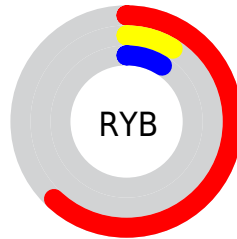
Distribution



Red (62%)

Green (9%)

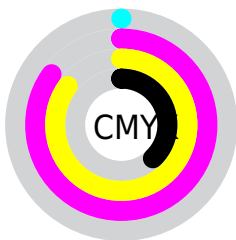
Blue (9%)



Red (62%)

Yellow (9%)

Blue (9%)

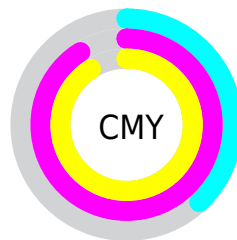


Cyan (0%)

Magenta (85%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3650, -19.8999, 82.9949 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 63.3650, -19.8999, 82.9949 by changing the saturation by 10% instead.

■ 63.3650, -19.8999,
82.9949

■ 63.3650, -19.8999,
82.9949

254.7720, -0.8736,
0.2000

■ 38.2720, -18.8681,
78.6915

■ 122.2530,
-26.7467, 85.7241

■ 29.0030, -14.2985,
59.6334

■ 150.8790,
-29.5203, 88.6831

■ 20.4460, -9.5869,
41.7049

■ 170.4750,
-26.8562, 74.1284

■ 11.7750, -5.3121,
23.8763

■ 189.8750,
-23.6024, 57.1146

■ 0.0000, 0.0000,
0.0000

■ 209.3890,
-19.9118, 40.0008

■ 229.4900,

-16.5106, 22.3723

■ 249.7050,
-12.6726, 4.6437

■ 63.3650, -19.8999,
82.9949

■ 63.3650, -19.8999,
82.9949

■ 52.1490, -22.2585,
92.8313

■ 74.5810, -17.5414,
73.1585

■ 47.2420, -23.2903,
97.1348

■ 85.7970, -15.1829,
63.3220

■ 96.3120, -12.9718,
54.1004

■ 107.5280,
-10.6133, 44.2639

■ 118.7440, -8.2548,
34.4275

■ 129.9600, -5.8963,
24.5911

■ 141.1760, -3.5378,
14.7546

■ 151.6910, -1.3267,
5.5330

■ 162.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



57.9560, 7.4167, 94.7546



63.3650, -19.8999, 82.9949



74.3890, -36.6738, 49.6478

Triad

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



63.3650, -19.8999, 82.9949



61.2880, -13.9460, -53.7496



70.1700, 55.6252, -61.5391

Complementary

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



63.3650, -19.8999, 82.9949



117.6350, 19.8999, -82.9949

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.



76.1880, 48.2213, -66.8169



63.3650, -19.8999, 82.9949



68.7320, 9.4991, -60.2780

Square

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



63.3650, -19.8999, 82.9949



63.5720, -31.3410, -27.6886



74.4320, 31.3390, -65.2769



79.6300, 41.5944, 5.5865

Rectangle

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



63.3650, -19.8999, 82.9949



75.4200, -37.1821, 25.9417



74.4320, 31.3390, -65.2769



73.1050, 54.1782, -64.1131

Sweetspot

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



63.3650, -19.8999, 82.9949



169.1460, -7.9600, 33.1980



78.7550, 39.0678, 69.4979



81.8670, -4.8644, 20.2876



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



63.3650, -19.8999, 82.9949



61.8930, -30.5132, 127.2588



102.6940, -39.2891, 48.5034



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



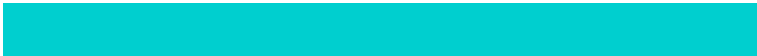
4.4850, -2.2111, 9.2217

Inverse Universe

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



117.6350, 19.8999, -82.9949



145.1070, 30.5132, -127.2588



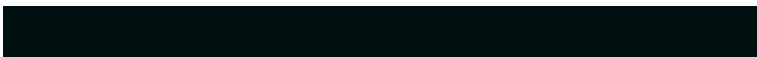
77.7190, 39.5785, -47.9886



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 63.3650, -19.8999, 82.9949 looks on a white background.

Color Contrast Check

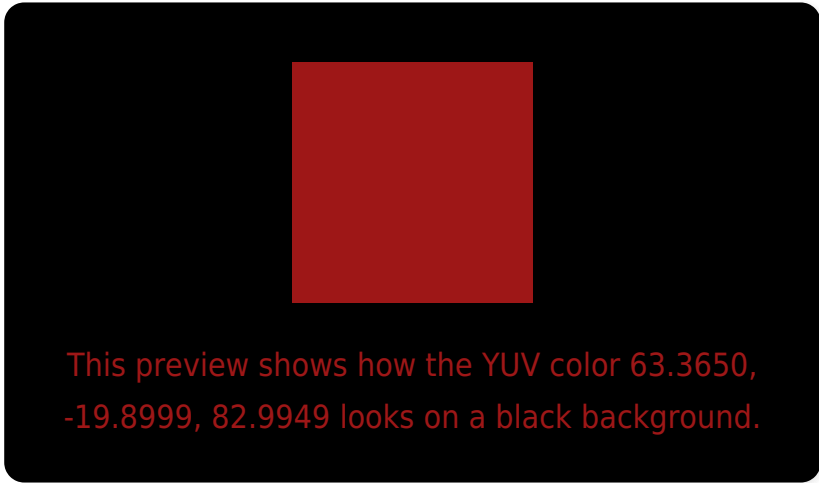
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3650, -19.8999, 82.9949

Background



This preview shows how black text looks on a background with the YUV color 63.3650, -19.8999, 82.9949.



This preview shows how white text looks on a background with the YUV color 63.3650, -19.8999,

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

63.3650, -19.8999, 82.9949

Protanopia

79.2620, -20.8352, 9.4172

Deuteranopia

75.9960, -37.4660, 23.6825



Tritanopia

63.1370, -20.7735, 83.1949

Trichromacy



Original Color

63.3650, -19.8999, 82.9949

Protanomaly

73.8400, -20.6271, 36.0973

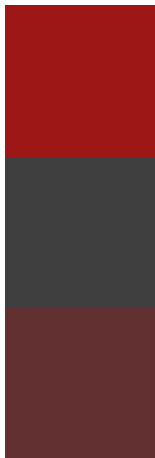
Deuteranomaly

71.1480, -31.1320, 45.4742

Tritanomaly

63.2510, -20.3367, 83.0949

Monochromacy



Original Color

63.3650, -19.8999, 82.9949

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3650, -19.8999, 82.9949 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(158, 23, 23)` looks like.

```
.text, #text, p{  
    color:rgb(158, 23, 23)  
}
```

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(158, 23, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 23, 23) }
```

Border

The CSS property to change the border of an element to YUV 63.3650, -19.8999, 82.9949 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(158, 23, 23) }
```


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

```
.border{ border-color:rgb(158, 23, 23) }
```

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

Here you see how a box with a 4 pixel rgb(158, 23, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 23, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 23, 23);  
box-shadow:4px 4px 4px 4px rgb(158, 23,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 63.3650, -19.8999, 82.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 23, 23) }
```

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

```
.background{ background-color: rgb(158, 23,  
23) }
```

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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