

Converting Colors

YUV(73.3650, -19.8999,
82.9949)

Have a look what the booklet for
YUV(73.3650, -19.8999, 82.9949)
contains.

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Color

**YUV(73.3650, -19.8999,
82.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	A82121
RGB	168, 33, 33
RGB Percent	66%, 13%, 13%
CMY	0.3412, 0.8706, 0.8706
CMYK	0.00, 0.80, 0.80, 0.34
HSL	0°, 67%, 39%
HSV	0°, 80%, 66%
XYZ	16.9668, 9.5223, 2.3826
YIQ	73.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

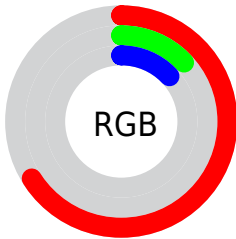
Format	Color
R_{YB}	168, 33, 33
Decimal	11018529
CIE _{Lab}	36.97, 53.21, 35.39
CIE _{LCh}	37, 63.900, 33.629
Yxy	9.5223, 0.5877, 0.3298
Android (android.graphics.Color)	4289208609 (0xFFA82121)
YUV	73.3650, -19.8999, 82.9949
Hunter-Lab	30.8583, 44.1426, 17.0230

Details

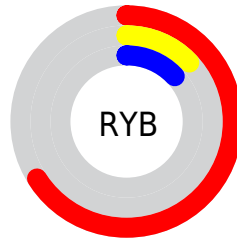
The YUV color **73.3650, -19.8999, 82.9949** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **127.6350, 19.8999, -82.9949**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0790, -26.1679, 86.7537**, and **31.9930, -15.7725, 65.7811** is the 20% darker color. If you saturate the color by 10%, you get **61.4480, -22.4059, 93.4461**, and if you desaturate by 10%, it is **85.2820, -17.3940, 72.5437**.

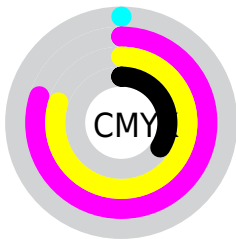
Distribution



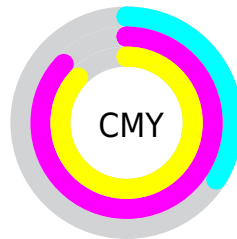
- Red (66%)
- Green (13%)
- Blue (13%)



- Red (66%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (34%)





- Cyan (34%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.3650, -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 73.3650, -19.8999, 82.9949 by changing the saturation by 10% instead.


 73.3650, -19.8999,
82.9949


 73.3650, -19.8999,
82.9949


255.0000, 0.0000,
0.0000

 42.3310, -14.9532,
83.0247


 131.0790,
-26.1679, 86.7537


 31.9930, -15.7725,
65.7811

 157.2530,
-26.7467, 85.7241

 23.0230, -11.3503,
47.3378

 176.5390,
-23.9297, 68.8103

 15.1780, -6.4968,
30.5389

 195.9390,
-20.6759, 51.7965

 0.0000, 0.0000,
0.0000

 216.0400,
-17.2747, 34.1679

 236.1410,

-13.8735, 16.5393

252.9480, -7.8624,
1.7996

73.3650, -19.8999,
82.9949

73.3650, -19.8999,
82.9949

61.4480, -22.4059,
93.4461

85.2820, -17.3940,
72.5437

50.2320, -24.7644,
103.2825

97.1990, -14.8881,
62.0925

108.4150,
-12.5296, 52.2560

120.3320,
-10.0237, 41.8048

132.2490, -7.5178,
31.3536

■ 144.1660, -5.0118,
20.9024

■ 156.0830, -2.5059,
10.4512

■ 167.2990, -0.1474,
0.6148

■ 179.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



61.4880, 10.6054, 98.6730



73.3650, -19.8999, 82.9949



80.9010, -39.8842, 52.7068

Triad

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



73.3650, -19.8999, 82.9949



66.4400, -14.5139, -58.2679



75.7780, 56.8044, -66.4573

Complementary

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



73.3650, -19.8999, 82.9949



127.6350, 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.



81.5680, 48.5270, -71.5351



73.3650, -19.8999, 82.9949



73.8840, 8.9312, -64.7963

Square

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



73.3650, -19.8999, 82.9949



71.8670, -35.4304, -22.6854



79.6980, 31.2079, -69.8951



87.5370, 42.6263, 1.2831

Rectangle

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



73.3650, -19.8999, 82.9949



82.2310, -40.5399, 29.6154



79.6980, 31.2079, -69.8951



78.7130, 55.3575, -69.0313

Sweetspot

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



73.3650, -19.8999, 82.9949



182.5480, -7.6652, 31.9684



88.7550, 39.0678, 69.4979



87.5680, -4.7170, 19.6729



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



73.3650, -19.8999, 82.9949



71.7900, -30.9555, 129.1032



112.6940, -39.2891, 48.5034



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



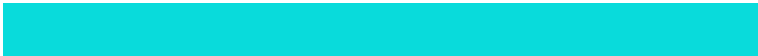
5.9800, -2.9481, 12.2955

Inverse Universe

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



127.6350, 19.8999, -82.9949



156.2100, 30.9555, -129.1032



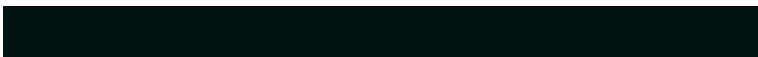
87.7190, 39.5785, -47.9886



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 73.3650, -19.8999, 82.9949 looks on a white background.

Color Contrast Check

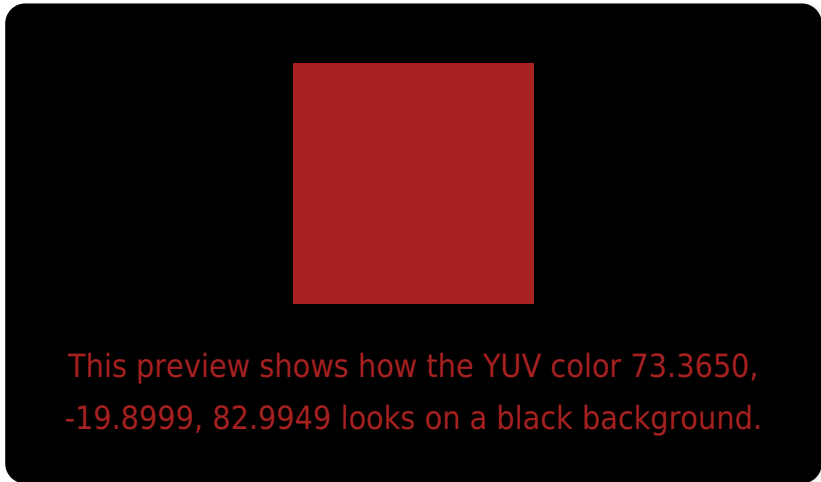
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.3650, -19.8999, 82.9949

Background



This preview shows how black text looks on a background with the YUV color 73.3650, -19.8999, 82.9949.



This preview shows how white text looks on a background with the YUV color 73.3650, -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

73.3650, -19.8999, 82.9949

Protanopia

86.1310, -18.7986, 9.5321

Deuteranopia

84.8910, -31.4983, 22.8976



Tritanopia

73.3650, -19.8999, 82.9949

Trichromacy



Original Color

73.3650, -19.8999, 82.9949

Protanomaly

81.5950, -19.0273, 36.3122

Deuteranomaly

80.4730, -27.3482, 45.1892

Tritanomaly

73.3650, -19.8999, 82.9949

Monochromacy



Original Color

73.3650, -19.8999, 82.9949

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3650, -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(168, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(168, 33, 33)  
}
```

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(168, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 33, 33) }
```

Border

The CSS property to change the border of an element to YUV 73.3650, -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(168, 33, 33) }
```


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

```
.border{ border-color:rgb(168, 33, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 33, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(168, 33,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 73.3650, -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(168, 33, 33) }
```

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

```
.background{ background-color: rgb(168, 33,  
33) }
```

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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