

Converting Colors

YUV(72.2190, -15.3910,
36.6419)

Have a look what the booklet for
YUV(72.2190, -15.3910, 36.6419)
contains.

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Color

**YUV(72.2190, -15.3910,
36.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	723929
RGB	114, 57, 41
RGB Percent	45%, 22%, 16%
CMY	0.5529, 0.7765, 0.8392
CMYK	0.00, 0.50, 0.64, 0.55
HSL	13°, 47%, 30%
HSV	13°, 64%, 45%
XYZ	8.8028, 6.6638, 2.9201
YIQ	72.2190, 39.1080, 7.1080

Conversions

Conversions Part 2

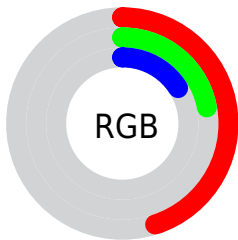
Format	Color
R_{YB}	114, 61, 41
Decimal	7485737
CIE Lab	31.03, 23.51, 21.22
CIE LCh	31, 31.669, 42.069
Yxy	6.6638, 0.4788, 0.3624
Android (android.graphics.Color)	4285675817 (0xFF723929)
YUV	72.2190, -15.3910, 36.6419
Hunter-Lab	25.8143, 15.6945, 11.3631

Details

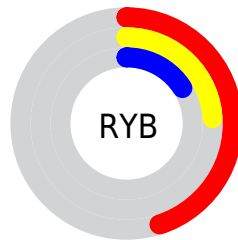
The YUV color **72.2190, -15.3910, 36.6419** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.7810, 15.3910, -36.6419**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0840, -17.2964, 41.1453**, and **24.9950, -12.3225, 32.4534** is the 20% darker color. If you saturate the color by 10%, you get **65.6820, -17.5912, 42.3749**, and if you desaturate by 10%, it is **78.7560, -13.1907, 30.9090**.

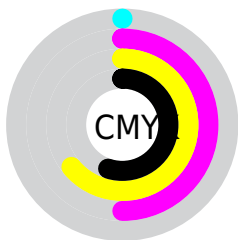
Distribution



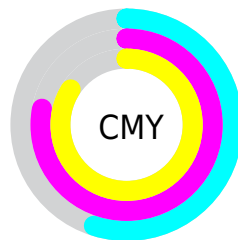
- Red (45%)
- Green (22%)
- Blue (16%)



- Red (45%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (64%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2190, -15.3910, 36.6419 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 72.2190, -15.3910, 36.6419 by changing the saturation by 10% instead.

■ 72.2190, -15.3910,
36.6419

■ 72.2190, -15.3910,
36.6419

■ 255.0000, 0.0000,
0.0000

■ 48.2510, -13.9277,
33.9829

■ 122.0840,
-17.2964, 41.1453

■ 24.9950, -12.3225,
32.4534

■ 148.7530,
-18.6122, 43.1896

■ 11.6610, -5.7489,
23.9763

■ 175.6500,
-19.0544, 45.0340

■ 0.0000, 0.0000,
0.0000

■ 202.8350,
-19.6387, 45.7487

■ 222.3490,
-15.9481, 28.6349

■ 241.9770,

-11.8207, 11.4212

253.9740, -3.9312,
0.8998

72.2190, -15.3910,
36.6419

72.2190, -15.3910,
36.6419

65.6820, -17.5912,
42.3749

78.7560, -13.1907,
30.9090

59.0310, -20.2283,
48.2078

85.4070, -10.5537,
25.0761

52.4940, -22.4285,
53.9408

91.9440, -8.3534,
19.3431

48.7610, -24.0392,
57.2146

98.5950, -5.7163,
13.5102

105.1320, -3.5161,
7.7772

■ 111.0820, -1.0264,
2.5591

■ 117.7330, 1.6106,
-3.2738

■ 124.2700, 3.8109,
-9.0068

■ 130.9210, 6.4479,
-14.8397

Harmonies

Analogous

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



72.8140, -4.3453, 40.5051



72.2190, -15.3910, 36.6419



71.1930, -22.7731, 24.3867

Triad

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



72.2190, -15.3910, 36.6419



55.8060, 0.5886, -48.9419



70.1110, 25.0883, -20.2683

Complementary

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



72.2190, -15.3910, 36.6419



82.7810, 15.3910, -36.6419

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.



60.6400, 29.2645, -53.1813



72.2190, -15.3910, 36.6419



59.3570, 11.6560, -52.0561

Square

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



72.2190, -15.3910, 36.6419



66.3730, -15.9599, -14.3591



61.3920, 21.9917, -53.8408



75.2460, 17.1337, 11.1853

Rectangle

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



72.2190, -15.3910, 36.6419



70.0730, -24.1930, 13.0910



61.3920, 21.9917, -53.8408



65.1090, 28.0473, -36.0526

Sweetspot

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



72.2190, -15.3910, 36.6419



131.8940, -5.8637, 14.1250



69.3250, 14.1368, 39.1800



64.4310, -3.6635, 8.3920



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



72.2190, -15.3910, 36.6419



82.7610, -24.0392, 57.2146



93.3510, -25.8090, 18.1092



52.9680, -1.4632, 2.6591



51.1420, -25.2130, 60.3885



105.5510, -52.0366, 124.0508

Inverse Universe

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



82.7810, 15.3910, -36.6419



99.2390, 24.0392, -57.2146



61.6490, 25.8090, -18.1092



53.6190, 1.1738, -3.1739



68.8580, 25.2130, -60.3885



141.4490, 52.0366, -124.0508

Previews

White Background



This preview shows how the YUV color 72.2190, -15.3910, 36.6419 looks on a white background.

Color Contrast Check

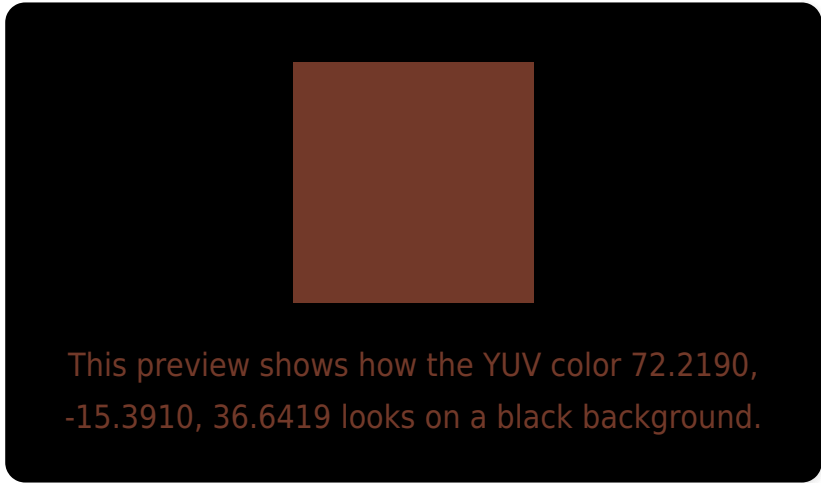
Large Text (above 18pt) WCAG AA ✓ Pass

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

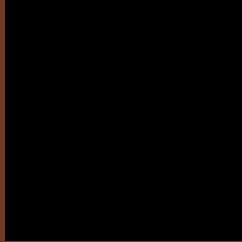
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2190, -15.3910, 36.6419

Background



This preview shows how black text looks on a background with the YUV color 72.2190, -15.3910, 36.6419.

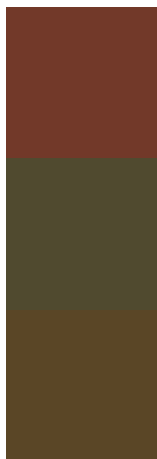


This preview shows how white text looks on a background with the YUV color 72.2190, -15.3910,

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

72.2190, -15.3910, 36.6419

Protanopia

72.7160, -12.6780, 6.3881

Deuteranopia

72.3320, -16.9257, 15.4948



Tritanopia

73.3960, -7.0972, 36.4867

Trichromacy



Original Color

72.2190, -15.3910, 36.6419

Protanomaly

72.5540, -13.5841, 17.0541

Deuteranomaly

72.2020, -16.3686, 23.5018

Tritanomaly

73.1850, -10.4442, 36.6718

Monochromacy



Original Color

72.2190, -15.3910, 36.6419

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2960, -5.5689, 12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2190, -15.3910, 36.6419 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(114, 57, 41)` looks like.

```
.text, #text, p{  
    color:rgb(114, 57, 41)  
}
```

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(114, 57, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 57, 41) }
```

Border

The CSS property to change the border of an element to YUV 72.2190, -15.3910, 36.6419 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(114, 57, 41) }
```


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

```
.border{ border-color:rgb(114, 57, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 57, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 57, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 57, 41);  
box-shadow:4px 4px 4px 4px rgb(114, 57,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 72.2190, -15.3910, 36.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 57, 41) }
```

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

```
.background{ background-color: rgb(114, 57,  
41) }
```

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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