

Converting Colors

YUV(71.8280, -12.2402,
52.7708)

Have a look what the booklet for
YUV(71.8280, -12.2402, 52.7708)
contains.

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Color

**YUV(71.8280, -12.2402,
52.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	842E2F
RGB	132, 46, 47
RGB Percent	52%, 18%, 18%
CMY	0.4824, 0.8196, 0.8157
CMYK	0.00, 0.65, 0.64, 0.48
HSL	359°, 48%, 35%
HSV	359°, 65%, 52%
XYZ	11.0058, 7.0648, 3.4729
YIQ	71.8280, 50.9350, 18.5430

Conversions

Conversions Part 2

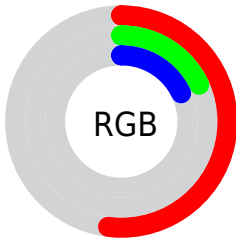
Format	Color
R_{YB}	132, 46, 47
Decimal	8662575
CIE Lab	31.95, 37.01, 19.25
CIE LCh	32, 41.716, 27.485
Yxy	7.0648, 0.5109, 0.3279
Android (android.graphics.Color)	4286852655 (0xFF842E2F)
YUV	71.8280, -12.2402, 52.7708
Hunter-Lab	26.5796, 27.3971, 10.8589

Details

The YUV color **71.8280, -12.2402, 52.7708** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.1720, 12.2402, -52.7708**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7640, -15.1667, 58.0890**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **62.7150, -14.1565, 60.7629**, and if you desaturate by 10%, it is **80.9410, -10.3239, 44.7787**.

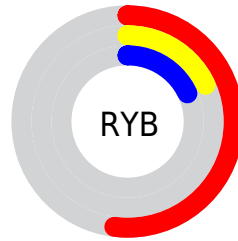
Distribution



Red (52%)

Green (18%)

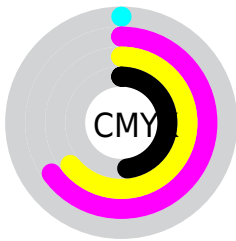
Blue (18%)



Red (52%)

Yellow (18%)

Blue (18%)

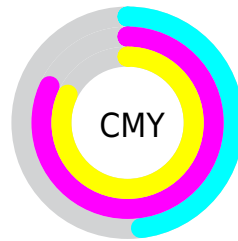


Cyan (0%)

Magenta (65%)

Yellow (64%)

Black (48%)



Cyan (48%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8280, -12.2402, 52.7708 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 71.8280, -12.2402, 52.7708 by changing the saturation by 10% instead.

■ 71.8280, -12.2402,
52.7708

■ 71.8280, -12.2402,
52.7708

255.0000, 0.0000,
0.0000

■ 45.8000, -9.7614,
51.0414

■ 123.7640,
-15.1667, 58.0890

■ 23.0230, -11.3503,
47.3378

■ 150.5470,
-16.0457, 60.0333

■ 15.3630, -7.0810,
31.2536

■ 178.2160,
-17.3615, 62.0776

■ 1.7940, -0.8844,
3.6887

■ 198.9370,
-14.2659, 49.1673

■ 0.0000, 0.0000,
0.0000

■ 218.4510,
-10.5753, 32.0535

■ 238.6660, -6.7373,

14.3249

254.8860, -0.4368,
0.1000

■ 71.8280, -12.2402,
52.7708

■ 71.8280, -12.2402,
52.7708

■ 62.7150, -14.1565,
60.7629

■ 80.9410, -10.3239,
44.7787

■ 53.6020, -16.0728,
68.7550

■ 90.0540, -8.4076,
36.7866

■ 43.9020, -17.6997,
77.2619

■ 99.7540, -6.7807,
28.2797

■ 39.6960, -18.5841,
80.9506

■ 108.8670, -4.8644,
20.2876

■ 117.9800, -2.9481,
12.2955

■ 127.0930, -1.0318,
4.3034

■ 136.2060, 0.8844,
-3.6887

■ 145.9060, 2.5113,
-12.1956

■ 155.0190, 4.4276,
-20.1877

Harmonies

Analogous

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



72.8290, 3.0423, 51.0160



71.8280, -12.2402, 52.7708



72.5540, -26.8951, 39.8561

Triad

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



71.8280, -12.2402, 52.7708



56.8850, -9.3103, -47.2571



63.0340, 38.4372, -55.2808

Complementary

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



71.8280, -12.2402, 52.7708



106.1720, 12.2402, -52.7708

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.



65.8890, 31.6067, -57.7847



71.8280, -12.2402, 52.7708



60.9240, 4.9675, -53.4303

Square

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



71.8280, -12.2402, 52.7708



67.1710, -29.6643, -5.4120



64.8000, 19.8186, -56.8296



75.8230, 28.6813, -5.9838

Rectangle

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



71.8280, -12.2402, 52.7708



71.2290, -34.1299, 26.9862



64.8000, 19.8186, -56.8296



64.5670, 36.6955, -56.6253

Sweetspot

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



71.8280, -12.2402, 52.7708



147.1660, -5.0118, 20.9024



81.2190, 25.0350, 43.6579



72.2790, -3.0955, 12.9103



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



71.8280, -12.2402, 52.7708



77.8810, -19.1683, 81.6654



96.3680, -24.8314, 31.2493



61.7940, -0.8844, 3.6887



39.0980, -18.2893, 79.7211



0.8970, -0.4422, 1.8443

Inverse Universe

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



71.8280, -12.2402, 52.7708



77.8810, -19.1683, 81.6654



81.6320, 24.8314, -31.2493



61.7940, -0.8844, 3.6887



39.0980, -18.2893, 79.7211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 71.8280, -12.2402, 52.7708 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

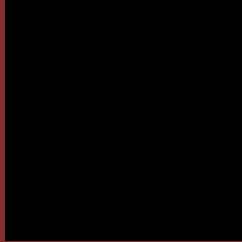
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8280, -12.2402, 52.7708

Background



This preview shows how black text looks on a background with the YUV color 71.8280, -12.2402, 52.7708.

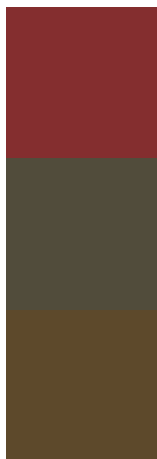


This preview shows how white text looks on a background with the YUV color 71.8280, -12.2402,

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

71.8280, -12.2402, 52.7708

Protanopia

75.5570, -8.1626, 4.7735

Deuteranopia

75.5600, -16.0521, 15.2949



Tritanopia

71.9420, -11.8034, 52.6709

Trichromacy



Original Color

71.8280, -12.2402, 52.7708

Protanomaly

74.3250, -9.5272, 22.5170

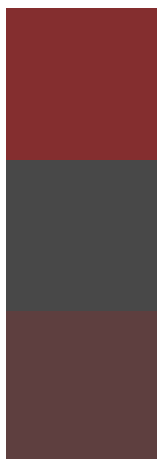
Deuteranomaly

73.9900, -14.7851, 28.9498

Tritanomaly

71.9420, -11.8034, 52.6709

Monochromacy



Original Color

71.8280, -12.2402, 52.7708

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2690, -4.5696, 19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8280, -12.2402, 52.7708 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(132, 46, 47)` looks like.

```
.text, #text, p{  
    color:rgb(132, 46, 47)  
}
```

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(132, 46, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 46, 47) }
```

Border

The CSS property to change the border of an element to YUV 71.8280, -12.2402, 52.7708 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(132, 46, 47) }
```


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

```
.border{ border-color:rgb(132, 46, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 46, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 46, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 46, 47);  
box-shadow:4px 4px 4px 4px rgb(132, 46,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 71.8280, -12.2402, 52.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 46, 47) }
```

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

```
.background{ background-color: rgb(132, 46,  
47) }
```

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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