

Converting Colors

YUV(72.2310, -16.8759,
46.2784)

Have a look what the booklet for
YUV(72.2310, -16.8759, 46.2784)
contains.

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Color

**YUV(72.2310, -16.8759,
46.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3426
RGB	125, 52, 38
RGB Percent	49%, 20%, 15%
CMY	0.5098, 0.7961, 0.8510
CMYK	0.00, 0.58, 0.70, 0.51
HSL	10°, 53%, 32%
HSV	10°, 70%, 49%
XYZ	10.0353, 6.9559, 2.6474
YIQ	72.2310, 48.0020, 11.1220

Conversions

Conversions Part 2

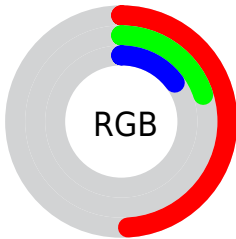
Format	Color
RYB	125, 55, 38
Decimal	8205350
CIELab	31.71, 30.69, 24.31
CIELCh	32, 39.152, 38.385
Yxy	6.9559, 0.5110, 0.3542
Android (android.graphics.Color)	4286395430 (0xFF7D3426)
YUV	72.2310, -16.8759, 46.2784
Hunter-Lab	26.3740, 21.7645, 12.5103

Details

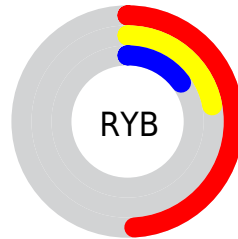
The YUV color **72.2310, -16.8759, 46.2784** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **90.7690, 16.8759, -46.2784**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1670, -19.8023, 51.5965**, and **22.4030, -11.0447, 42.6196** is the 20% darker color. If you saturate the color by 10%, you get **64.8790, -19.6603, 52.7261**, and if you desaturate by 10%, it is **79.4690, -14.5282, 39.9307**.

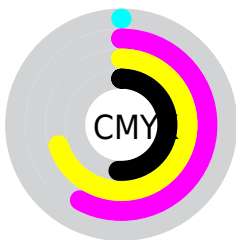
Distribution



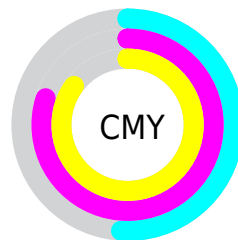
- Red (49%)
- Green (20%)
- Blue (15%)



- Red (49%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (51%)



- Cyan (51%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2310, -16.8759, 46.2784 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 72.2310, -16.8759, 46.2784 by changing the saturation by 10% instead.

■ 72.2310, -16.8759,
46.2784

■ 72.2310, -16.8759,
46.2784

255.0000, 0.0000,
0.0000

■ 47.3770, -14.9759,
43.5194

■ 123.1670,
-19.8023, 51.5965

■ 22.4030, -11.0447,
42.6196

■ 149.9500,
-20.6813, 53.5409

■ 13.7540, -6.7807,
28.2797

■ 177.0320,
-21.7078, 56.0999

■ 0.0000, 0.0000,
0.0000

■ 200.0310,
-20.2283, 48.2078

■ 219.5450,
-16.5377, 31.0940

■ 239.7600,

-12.6997, 13.3655

253.5180, -5.6784,
1.2997

72.2310, -16.8759,
46.2784

72.2310, -16.8759,
46.2784

64.8790, -19.6603,
52.7261

79.4690, -14.5282,
39.9307

57.0540, -21.7186,
59.5886

87.4080, -12.0331,
32.9682

49.7020, -24.5031,
66.0363

94.6460, -9.6855,
26.6205

49.1150, -24.2137,
66.5511

102.5850, -7.1904,
19.6580

109.8230, -4.8427,
13.3102

■ 117.7620, -2.3477,
6.3477

■ 125.1140, 0.4368,
-0.1000

■ 132.9390, 2.4951,
-6.9625

■ 140.1770, 4.8427,
-13.3102

Harmonies

Analogous

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



72.3360, -2.6306, 50.5713



72.2310, -16.8759, 46.2784



71.9290, -29.0520, 31.6343

Triad

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



72.2310, -16.8759, 46.2784



57.4700, -3.1897, -50.4012



64.6120, 35.1943, -41.7557

Complementary

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



72.2310, -16.8759, 46.2784



90.7690, 16.8759, -46.2784

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.



64.3560, 33.3485, -56.4402



72.2310, -16.8759, 46.2784



61.7050, 10.4984, -54.1153

Square

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



72.2310, -16.8759, 46.2784



65.8800, -21.6328, -14.8038



64.4240, 23.4550, -56.4998



77.0160, 22.6701, 8.7560

Rectangle

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



72.2310, -16.8759, 46.2784



70.5160, -32.7924, 17.9645



64.4240, 23.4550, -56.4998



61.8770, 36.5426, -54.2661

Sweetspot

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



72.2310, -16.8759, 46.2784



142.1010, -6.4588, 18.3284



72.4490, 19.4986, 46.0872



69.0400, -3.9637, 11.3659



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



72.2310, -16.8759, 46.2784



79.8770, -26.5614, 72.8989



97.4720, -29.3197, 24.1421



59.6800, -1.3212, 3.7886



50.5990, -24.9453, 67.8807



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.7690, 16.8759, -46.2784



109.1230, 26.5614, -72.8989



65.5280, 29.3197, -24.1421



61.3200, 1.3212, -3.7886



77.4010, 24.9453, -67.8807



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 72.2310, -16.8759, 46.2784 looks on a white background.

Color Contrast Check

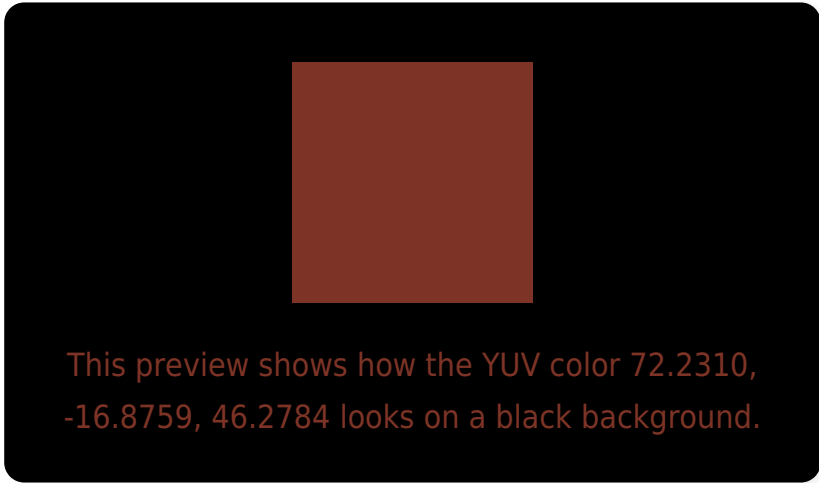
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2310, -16.8759, 46.2784

Background



This preview shows how black text looks on a background with the YUV color 72.2310, -16.8759, 46.2784.

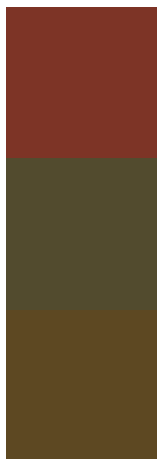


This preview shows how white text looks on a background with the YUV color 72.2310, -16.8759,

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

72.2310, -16.8759, 46.2784

Protanopia

73.7870, -13.6990, 7.2028

Deuteranopia

73.9470, -19.6939, 16.7095



Tritanopia

73.0660, -9.8925, 46.4231

Trichromacy



Original Color

72.2310, -16.8759, 46.2784

Protanomaly

73.5330, -15.0528, 21.4576

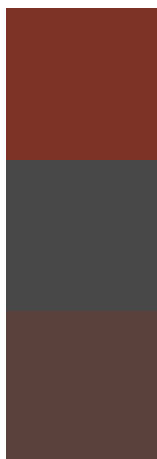
Deuteranomaly

73.5400, -19.0002, 27.5904

Tritanomaly

73.0830, -12.3659, 46.4082

Monochromacy



Original Color

72.2310, -16.8759, 46.2784

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2310, -16.8759, 46.2784 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(125, 52, 38)` looks like.

```
.text, #text, p{  
    color:rgb(125, 52, 38)  
}
```

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(125, 52, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 52, 38) }
```

Border

The CSS property to change the border of an element to YUV 72.2310, -16.8759, 46.2784 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(125, 52, 38) }
```


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

```
.border{ border-color:rgb(125, 52, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 52, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 52, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 52, 38);  
box-shadow:4px 4px 4px 4px rgb(125, 52,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 72.2310, -16.8759, 46.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 52, 38) }
```

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

```
.background{ background-color: rgb(125, 52,  
38) }
```

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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