

Converting Colors

YUV(72.8310, -17.1717, 1.0252)

Have a look what the booklet for
YUV(72.8310, -17.1717, 1.0252)
contains.

YUV(72.8310, -17.1717, 1.0252)	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(72.8310, -17.1717,
1.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4F26
RGB	74, 79, 38
RGB Percent	29%, 31%, 15%
CMY	0.7098, 0.6902, 0.8510
CMYK	0.06, 0.00, 0.52, 0.69
HSL	67°, 35%, 23%
HSV	67°, 52%, 31%
XYZ	5.9699, 7.1878, 2.9065
YIQ	72.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

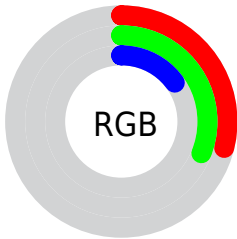
Format	Color
R_{YB}	38, 79, 43
Decimal	4869926
CIE Lab	32.23, -9.14, 23.38
CIE LCh	32, 25.106, 111.344
Yxy	7.1878, 0.3716, 0.4474
Android (android.graphics.Color)	4283060006 (0xFF4A4F26)
YUV	72.8310, -17.1717, 1.0252
Hunter-Lab	26.8100, -7.1702, 12.3394

Details

The YUV color **72.8310, -17.1717, 1.0252** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.1690, 17.1717, -1.0252**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7880, -18.6295, 1.9399**, and **29.5150, -14.5509, 0.4253** is the 20% darker color. If you saturate the color by 10%, you get **71.6200, -20.5187, 1.2103**, and if you desaturate by 10%, it is **74.0420, -13.8247, 0.8402**.

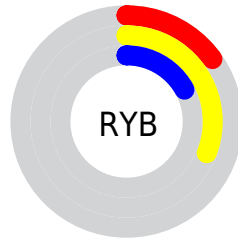
Distribution



Red (29%)

Green (31%)

Blue (15%)



Red (15%)

Yellow (31%)

Blue (17%)

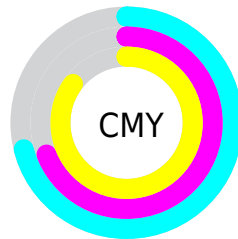


Cyan (6%)

Magenta (0%)

Yellow (52%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8310, -17.1717, 1.0252 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 72.8310, -17.1717, 1.0252 by changing the saturation by 10% instead.

■ 72.8310, -17.1717,
1.0252

■ 72.8310, -17.1717,
1.0252

■ 255.0000, 0.0000,
0.0000

■ 49.9450, -16.7349,
0.9252

■ 121.7880,
-18.6295, 1.9399

■ 29.5150, -14.5509,
0.4253

■ 147.6740,
-19.0663, 2.0399

■ 8.2180, -4.0515,
-7.2072

■ 174.4460,
-19.9399, 2.2399

■ 0.0000, 0.0000,
0.0000

■ 201.6310,
-20.5241, 2.9546

■ 230.2180,
-20.8135, 2.4398

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

72.8310, -17.1717,
1.0252

72.8310, -17.1717,
1.0252

71.6200, -20.5187,
1.2103

74.0420, -13.8247,
0.8402

70.4090, -23.8656,
1.3953

75.2530, -10.4777,
0.6551

69.1980, -27.2126,
1.5804

76.4640, -7.1308,
0.4701

67.9870, -30.5596,
1.7654

77.6750, -3.7838,
0.2850

67.0040, -33.0330,
1.7505

78.8860, -0.4368,
0.1000

■ 79.9830, 2.4734,
0.0149

■ 81.1940, 5.8204,
-0.1701

■ 82.4050, 9.1673,
-0.3552

■ 83.6160, 12.5143,
-0.5402

Harmonies

Analogous

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



74.7620, -19.1097, 15.9947



72.8310, -17.1717, 1.0252



69.6700, -9.6973, -16.3736

Triad

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



72.8310, -17.1717, 1.0252



61.3920, 21.9917, -53.8408



77.4580, 2.2392, 28.5393

Complementary

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



72.8310, -17.1717, 1.0252



44.1690, 17.1717, -1.0252

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.



78.0740, 11.3025, 14.8441



72.8310, -17.1717, 1.0252



69.3390, 22.5109, -33.6233

Square

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



72.8310, -17.1717, 1.0252



60.7420, 14.4242, -53.2707



76.3640, 18.0615, -6.4582



76.9610, -7.3758, 32.4832

Rectangle

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



72.8310, -17.1717, 1.0252



66.6450, -1.7970, -30.3837



76.3640, 18.0615, -6.4582



78.2340, 5.3076, 24.3508

Sweetspot

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



72.8310, -17.1717, 1.0252



99.5780, -6.6940, 0.3701



53.1940, -7.4906, 22.6319



49.5610, -4.2206, 0.3850



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.8310, -17.1717, 1.0252



92.4260, -26.3390, 1.3804



66.8510, -14.2235, -11.2703



37.5440, -1.7472, 0.3999



86.7840, -42.7845, 2.8204



195.4080, -96.3361, 5.7812

Inverse Universe

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



44.1690, 17.1717, -1.0252



48.2750, 26.4864, -1.9952



50.1490, 14.2235, 11.2703



34.7550, 1.5998, 0.2149



15.2160, 42.7845, -2.8204



34.5920, 96.3361, -5.7812

Previews

White Background



This preview shows how the YUV color 72.8310, -17.1717, 1.0252 looks on a white background.

Color Contrast Check

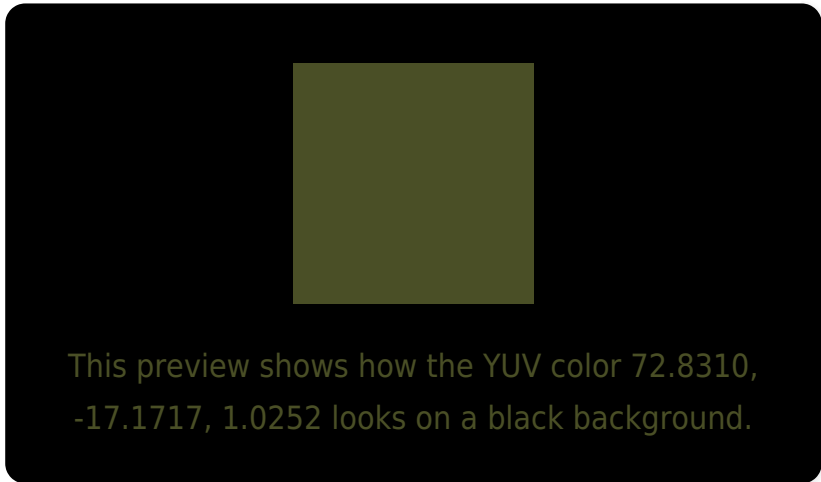
Large Text (above 18pt) WCAG AA ✓ Pass

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

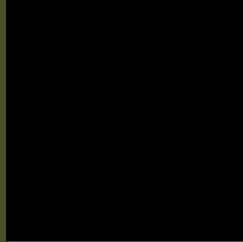
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8310, -17.1717, 1.0252

Background



This preview shows how black text looks on a background with the YUV color 72.8310, -17.1717, 1.0252.



This preview shows how white text looks on a background with the YUV color 72.8310, -17.1717,

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

72.8310, -17.1717, 1.0252

Protanopia

73.9460, -18.2144, 8.8174

Deuteranopia

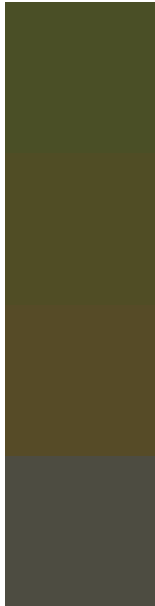
74.6310, -17.0731, 16.1096



Tritanopia

76.1790, 1.8838, 2.4740

Trichromacy



Original Color

72.8310, -17.1717, 1.0252

Protanomaly

73.3370, -17.9141, 5.8435

Deuteranomaly

74.1850, -17.3462, 10.3618

Tritanomaly

75.0450, -4.9522, 1.7145

Monochromacy



Original Color

72.8310, -17.1717, 1.0252

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6920, -6.2572, 0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8310, -17.1717, 1.0252 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(74, 79, 38)` looks like.

```
.text, #text, p{  
    color:rgb(74, 79, 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(74, 79, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 79, 38) }
```

Border

The CSS property to change the border of an element to YUV 72.8310, -17.1717, 1.0252 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(74, 79, 38) }
```


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

```
.border{ border-color:rgb(74, 79, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 79, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 79, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 79, 38);  
box-shadow:4px 4px 4px 4px rgb(74, 79, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8310, -17.1717, 1.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 79, 38) }
```

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

```
.background{ background-color: rgb(74, 79,  
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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