

Converting Colors

YUV(118.0830, -22.7189,
6.9432)

Have a look what the booklet for
YUV(118.0830, -22.7189, 6.9432)
contains.

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Color

**YUV(118.0830, -22.7189,
6.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7B48
RGB	126, 123, 72
RGB Percent	49%, 48%, 28%
CMY	0.5059, 0.5176, 0.7176
CMYK	0.00, 0.02, 0.43, 0.51
HSL	57°, 27%, 39%
HSV	57°, 43%, 49%
XYZ	16.8568, 19.0694, 8.9232
YIQ	118.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

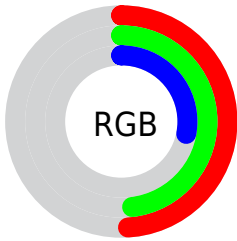
Format	Color
R_{YB}	75, 126, 72
Decimal	8289096
CIE Lab	50.77, -6.87, 28.25
CIE LCh	51, 29.070, 103.679
Yxy	19.0694, 0.3759, 0.4252
Android (android.graphics.Color)	4286479176 (0xFF7E7B48)
YUV	118.0830, -22.7189, 6.9432
Hunter-Lab	43.6685, -7.5157, 18.4527

Details

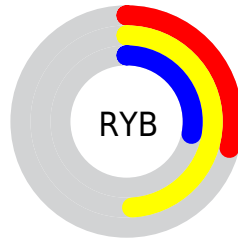
The YUV color **118.0830, -22.7189, 6.9432** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **79.9170, 22.7189, -6.9432**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3390, -24.3241, 8.4727**, and **69.1260, -21.2611, 6.0285** is the 20% darker color. If you saturate the color by 10%, you get **116.0140, -28.1079, 8.7577**, and if you desaturate by 10%, it is **120.1520, -17.3299, 5.1287**.

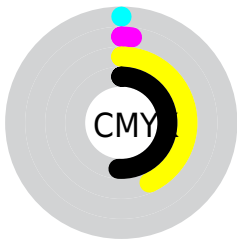
Distribution



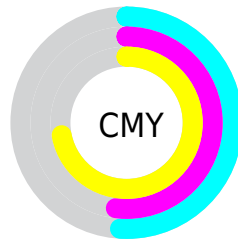
- Red (49%)
- Green (48%)
- Blue (28%)



- Red (29%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0830, -22.7189, 6.9432 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 118.0830, -22.7189, 6.9432 by changing the saturation by 10% instead.

■ 118.0830,
-22.7189, 6.9432

■ 118.0830,
-22.7189, 6.9432

■ 255.0000, 0.0000,
0.0000

■ 93.0120, -21.6979,
6.1285

■ 170.3390,
-24.3241, 8.4727

■ 69.1260, -21.2611,
6.0285

■ 198.1110,
-25.1977, 8.6727

■ 46.3000, -21.8399,
4.9989

■ 225.9970,
-25.6345, 8.7726

■ 26.8680, -13.2459,
1.8698

■ 248.9580,
-23.1503, 5.2988

■ 2.9350, -1.4470,
-2.5740

■ 252.1500,
-10.9200, 2.4994

■ 0.0000, 0.0000,
0.0000

■ 118.0830,
-22.7189, 6.9432

■ 118.0830,
-22.7189, 6.9432

■ 116.0140,
-28.1079, 8.7577

■ 120.1520,
-17.3299, 5.1287

■ 114.6460,
-33.3495, 9.9575

■ 121.5200,
-12.0884, 3.9290

■ 112.5770,
-38.7385, 11.7720

■ 123.5890, -6.6994,
2.1144

■ 110.6220,
-43.6906, 13.4865

■ 125.5440, -1.7472,
0.3999

■ 109.1400,
-49.3690, 14.7862

■ 127.6130, 3.6418,
-1.4146

■ 107.5270,
-53.0108, 16.2008

■ 129.0950, 9.3202,
-2.7143

■ 131.0500, 14.2723,
-4.4289

■ 133.1190, 19.6613,

-6.2434

■ 134.4870, 24.9029,
-7.4431

Harmonies

Analogous

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



120.3780, -23.3574, 25.1015



118.0830, -22.7189, 6.9432



114.6010, -15.0863, -14.5591

Triad

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



118.0830, -22.7189, 6.9432



101.0200, 26.1191, -71.0545



123.9900, 5.4279, 32.4578

Complementary

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



118.0830, -22.7189, 6.9432



79.9170, 22.7189, -6.9432

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.



123.7300, 16.4021, 12.5148



118.0830, -22.7189, 6.9432



111.9400, 27.6376, -44.6744

Square

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



118.0830, -22.7189, 6.9432



103.2740, 14.1619, -62.5073



120.2150, 24.0510, -14.2206



122.9450, -6.3819, 40.3902

Rectangle

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



118.0830, -22.7189, 6.9432



111.9780, -6.8912, -29.7987



120.2150, 24.0510, -14.2206



124.2820, 9.2280, 26.9397

Sweetspot

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



118.0830, -22.7189, 6.9432



160.0190, -8.8834, 2.6143



88.6020, -6.2128, 32.7980



79.9310, -5.3890, 1.8145



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.



118.0830, -22.7189, 6.9432



151.1900, -35.0967, 10.3574



112.9670, -20.1967, -8.7411



62.6150, -2.7682, 1.2146



108.7120, -53.5950, 16.9156



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.9170, 22.7189, -6.9432



92.3970, 34.8073, -10.8722



85.0330, 20.1967, 8.7411



58.3850, 2.7682, -1.2146



18.7010, 53.8844, -16.4008



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.0830, -22.7189, 6.9432 looks on a white background.

Color Contrast Check

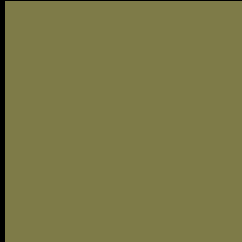
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.0830, -22.7189, 6.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

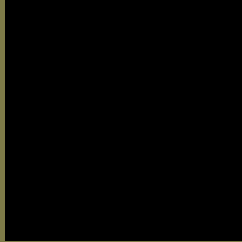
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0830, -22.7189, 6.9432

Background



This preview shows how black text looks on a background with the YUV color 118.0830, -22.7189, 6.9432.



This preview shows how white text looks on a background with the YUV color 118.0830, -22.7189, 6.9432.

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

118.0830, -22.7189, 6.9432

Protanopia

118.5890, -23.4614, 11.7614

Deuteranopia

119.5950, -22.4783, 23.1572



Tritanopia

122.5110, 1.7201, 8.3219

Trichromacy



Original Color

118.0830, -22.7189, 6.9432

Protanomaly

118.5780, -23.4560, 10.0171

Deuteranomaly

119.1490, -22.7515, 17.4093

Tritanomaly

120.8070, -7.2999, 8.0623

Monochromacy



Original Color

118.0830, -22.7189, 6.9432

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1330, -8.4466, 2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0830, -22.7189, 6.9432 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(126, 123, 72)` looks like.

```
.text, #text, p{  
    color:rgb(126, 123, 72)  
}
```

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(126, 123, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 123, 72) }
```

Border

The CSS property to change the border of an element to YUV 118.0830, -22.7189, 6.9432 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(126, 123, 72) }
```


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

```
.border{ border-color:rgb(126, 123, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 123, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 123, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 123, 72);  
box-shadow:4px 4px 4px 4px rgb(126, 123,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 118.0830, -22.7189, 6.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 123, 72) }
```

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

```
.background{ background-color: rgb(126,  
123, 72) }
```

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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