

Converting Colors

YUV(128.4690, -24.8812,
0.4657)

Have a look what the booklet for
YUV(128.4690, -24.8812, 0.4657)
contains.

YUV(128.4690, -24.8812, 0.4657)	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(128.4690, -24.8812,
0.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	818A4E
RGB	129, 138, 78
RGB Percent	51%, 54%, 31%
CMY	0.4941, 0.4588, 0.6941
CMYK	0.07, 0.00, 0.43, 0.46
HSL	69°, 28%, 42%
HSV	69°, 43%, 54%
XYZ	19.5169, 23.3941, 10.6946
YIQ	128.4690, 13.8960, -20.5680

Conversions

Conversions Part 2

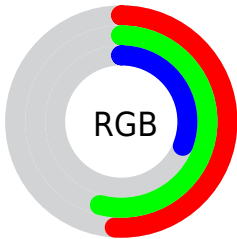
Format	Color
R_{YB}	78, 138, 87
Decimal	8489550
CIE Lab	55.48, -13.11, 30.96
CIE LCh	55, 33.616, 112.945
Yxy	23.3941, 0.3641, 0.4364
Android (android.graphics.Color)	4286679630 (0xFF818A4E)
YUV	128.4690, -24.8812, 0.4657
Hunter-Lab	48.3675, -12.6161, 20.7476

Details

The YUV color $128.4690, -24.8812, 0.4657$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $87.5310, 24.8812, -0.4657$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.4260, -26.3390, 1.3804$, and $78.5120, -23.4234, -0.4490$ is the 20% darker color. If you saturate the color by 10%, you get $126.2750, -30.7016, 0.6358$, and if you desaturate by 10%, it is $130.6630, -19.0609, 0.2955$.

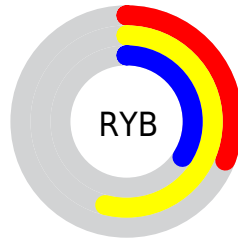
Distribution



Red (51%)

Green (54%)

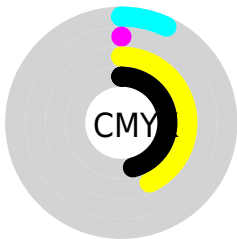
Blue (31%)



Red (31%)

Yellow (54%)

Blue (34%)

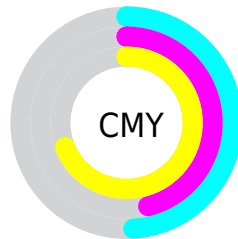


Cyan (7%)

Magenta (0%)

Yellow (43%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4690, -24.8812, 0.4657 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 128.4690, -24.8812, 0.4657 by changing the saturation by 10% instead.

■ 128.4690,
-24.8812, 0.4657

■ 128.4690,
-24.8812, 0.4657

■ 255.0000, 0.0000,
0.0000

■ 103.2840,
-24.2970, -0.2491

■ 181.4260,
-26.3390, 1.3804

■ 78.5120, -23.4234,
-0.4490

■ 209.1980,
-27.2126, 1.5804

■ 55.0990, -23.7128,
-0.9638

■ 237.7850,
-27.5020, 1.0656

■ 34.8090, -17.1608,
-2.4635

■ 249.7560,
-20.0927, 4.5990

■ 14.0880, -6.9454,
-12.3552

■ 253.0620, -7.4256,
1.6996

■ 0.0000, 0.0000,
0.0000

■ 128.4690,
-24.8812, 0.4657

■ 128.4690,
-24.8812, 0.4657

■ 126.2750,
-30.7016, 0.6358

■ 130.6630,
-19.0609, 0.2955

■ 124.0810,
-36.5219, 0.8060

■ 132.8570,
-13.2405, 0.1254

■ 122.0010,
-41.9055, 0.8761

■ 134.9370, -7.8569,
0.0553

■ 119.8070,
-47.7259, 1.0463

■ 137.1310, -2.0366,
-0.1149

■ 117.6130,
-53.5462, 1.2164

■ 139.3250, 3.7838,
-0.2850

■ 115.9890,
-57.1826, 0.8866

■ 141.5190, 9.6041,
-0.4552

■ 143.7130, 15.4245,
-0.6253

■ 146.0920, 20.6606,

-0.0807

■ 148.2860, 26.4810,
-0.2508

Harmonies

Analogous

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



131.5150, -27.8619, 23.2273



128.4690, -24.8812, 0.4657



124.5780, -13.5960, -25.9399

Triad

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



128.4690, -24.8812, 0.4657



105.5210, 36.2251, -92.5419



135.6600, 2.6326, 42.3942

Complementary

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



128.4690, -24.8812, 0.4657



87.5310, 24.8812, -0.4657

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.



136.5680, 15.4960, 23.1809



128.4690, -24.8812, 0.4657



125.3900, 31.8527, -43.3150

Square

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



128.4690, -24.8812, 0.4657



104.5460, 24.8738, -91.6868



134.0140, 25.6291, -7.0283



134.4360, -11.0609, 47.8526

Rectangle

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



128.4690, -24.8812, 0.4657



120.0300, -2.4798, -44.7533



134.0140, 25.6291, -7.0283



136.4790, 7.1589, 37.2909

Sweetspot

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



128.4690, -24.8812, 0.4657



175.0680, -9.8935, -0.0596



101.2230, -11.4489, 32.2534



86.8060, -5.8204, 0.1701



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



128.4690, -24.8812, 0.4657



164.2120, -38.5585, 0.6911



119.4990, -20.4590, -17.9776



67.9030, -2.9102, 0.0851



111.8580, -55.1460, 1.0015



4.1310, -2.0366, -0.1149

Inverse Universe

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



87.5310, 24.8812, -0.4657



100.7880, 38.5585, -0.6911



96.5010, 20.4590, 17.9776



63.0970, 2.9102, -0.0851



21.1420, 55.1460, -1.0015



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 128.4690, -24.8812, 0.4657 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 128.4690, -24.8812, 0.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

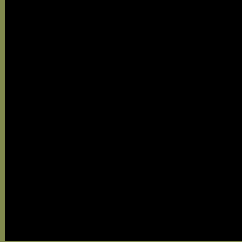
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.4690, -24.8812, 0.4657

Background



This preview shows how black text looks on a background with the YUV color 128.4690, -24.8812, 0.4657.



This preview shows how white text looks on a background with the YUV color 128.4690, -24.8812,

0.4657.

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

128.4690, -24.8812, 0.4657

Protanopia

130.3890, -26.8138, 13.6908

Deuteranopia

131.9220, -25.1045, 25.5014



Tritanopia

133.6350, 3.6309, 2.0741

Trichromacy



Original Color

128.4690, -24.8812, 0.4657

Protanomaly

129.8830, -26.0713, 8.8726

Deuteranomaly

130.5680, -24.9300, 16.1649

Tritanomaly

131.8770, -6.8414, 0.9849

Monochromacy



Original Color

128.4690, -24.8812, 0.4657

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2960, -9.0199, -0.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4690, -24.8812, 0.4657 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(129, 138, 78)` looks like.

```
.text, #text, p{  
    color:rgb(129, 138, 78)  
}
```

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(129, 138, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 138, 78) }
```

Border

The CSS property to change the border of an element to YUV 128.4690, -24.8812, 0.4657 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(129, 138, 78) }
```


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

```
.border{ border-color:rgb(129, 138, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 138, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 138, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 138, 78);  
box-shadow:4px 4px 4px 4px rgb(129, 138,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 128.4690, -24.8812, 0.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 138, 78) }
```

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

```
.background{ background-color: rgb(129,  
138, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor