

Converting Colors

YUV(127.8470, -48.2386,
25.5672)

Have a look what the booklet for
YUV(127.8470, -48.2386, 25.5672)
contains.

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Color

**YUV(127.8470, -48.2386,
25.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	9D841E
RGB	157, 132, 30
RGB Percent	62%, 52%, 12%
CMY	0.3843, 0.4824, 0.8824
CMYK	0.00, 0.16, 0.81, 0.38
HSL	48°, 68%, 37%
HSV	48°, 81%, 62%
XYZ	22.3902, 23.7644, 4.6352
YIQ	127.8470, 47.6420, -26.4220

Conversions

Conversions Part 2

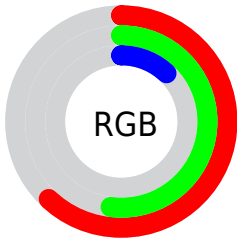
Format	Color
RYB	61, 157, 30
Decimal	10322974
CIELab	55.85, -0.90, 54.05
CIElCh	56, 54.055, 90.958
Yxy	23.7644, 0.4408, 0.4679
Android (android.graphics.Color)	4288513054 (0xFF9D841E)
YUV	127.8470, -48.2386, 25.5672
Hunter-Lab	48.7487, -3.3254, 28.4866

Details

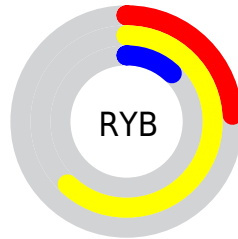
The YUV color **127.8470, -48.2386, 25.5672** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **59.1530, 48.2386, -25.5672**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4560, -48.5388, 28.5411**, and **79.2190, -39.0550, 19.9789** is the 20% darker color. If you saturate the color by 10%, you get **124.2620, -54.3592, 28.7112**, and if you desaturate by 10%, it is **131.4320, -42.1180, 22.4231**.

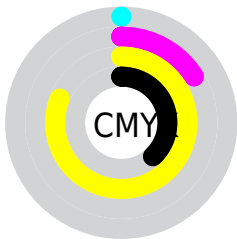
Distribution



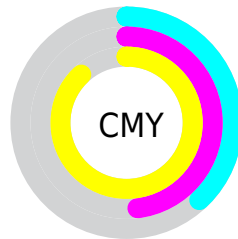
- Red (62%)
- Green (52%)
- Blue (12%)



- Red (24%)
- Yellow (62%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (81%)
- Black (38%)



- Cyan (38%)
- Magenta (48%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8470, -48.2386, 25.5672 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 127.8470, -48.2386, 25.5672 by changing the saturation by 10% instead.

■ 127.8470,
-48.2386, 25.5672

■ 127.8470,
-48.2386, 25.5672

■ 255.0000, 0.0000,
0.0000

■ 101.3800,
-49.9803, 24.2227

■ 182.4560,
-48.5388, 28.5411

■ 79.2190, -39.0550,
19.9789

■ 210.2390,
-49.4178, 30.4854

■ 57.6450, -28.4190,
15.2203

■ 233.3300,
-47.4907, 19.0046

■ 37.5440, -18.5092,
10.0469

■ 244.6260,
-39.7486, 9.0980

■ 18.3290, -9.0362,
4.9735

■ 247.8180,
-27.5183, 6.2986

■ 0.0000, 0.0000,
0.0000

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

127.8470,
-48.2386, 25.5672

127.8470,
-48.2386, 25.5672

124.2620,
-54.3592, 28.7112

131.4320,
-42.1180, 22.4231

120.9050,
-59.6062, 31.6553

134.9030,
-36.4342, 19.3791

138.4880,
-30.3136, 16.2350

142.0730,
-24.1930, 13.0910

145.6580,
-18.0724, 9.9469

■ 149.7160,
-12.6780, 6.3881

■ 153.3010, -6.5574,
3.2440

■ 156.8860, -0.4368,
0.1000

■ 160.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



130.6240, -39.7476, 55.5808



127.8470, -48.2386, 25.5672



123.3630, -37.6470, -11.7194

Triad

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



127.8470, -48.2386, 25.5672



112.2060, 33.9154, -98.4047



137.2150, 21.0930, 48.0464

Complementary

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



127.8470, -48.2386, 25.5672



59.1530, 48.2386, -25.5672

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.



136.2010, 38.8479, -0.1763



127.8470, -48.2386, 25.5672



112.5600, 50.5029, -98.7151

Square

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



127.8470, -48.2386, 25.5672



106.8480, 13.3859, -93.7057



107.5850, 59.3646, -94.3520



132.9890, 0.4984, 73.6776

Rectangle

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



127.8470, -48.2386, 25.5672



117.1770, -22.2723, -43.1282



107.5850, 59.3646, -94.3520



137.8480, 27.6829, 34.3363

Sweetspot

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



127.8470, -48.2386, 25.5672



192.5440, -18.5092, 10.0469



70.8230, -7.8007, 75.5772



95.0580, -11.3676, 6.0881



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



127.8470, -48.2386, 25.5672



158.5350, -75.1998, 39.8728



131.1600, -49.8719, -10.6643



76.9140, -2.9156, 1.8294



110.2620, -54.3592, 28.7112



11.5290, -5.6838, 3.0441

Inverse Universe

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



59.1530, 48.2386, -25.5672



51.4650, 75.1998, -39.8728



55.8400, 49.8719, 10.6643



73.0860, 2.9156, -1.8294



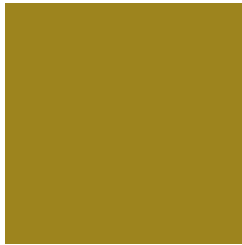
32.7380, 54.3592, -28.7112



3.4710, 5.6838, -3.0441

Previews

White Background



This preview shows how the YUV color 127.8470, -48.2386, 25.5672 looks on a white background.

Color Contrast Check

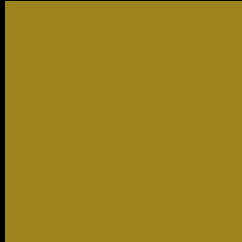
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8470, -48.2386, 25.5672 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 127.8470, -48.2386, 25.5672

Background



This preview shows how black text looks on a background with the YUV color 127.8470, -48.2386, 25.5672.

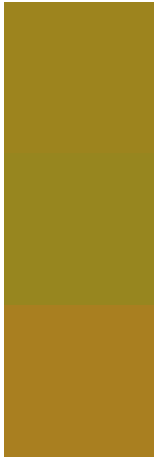


This preview shows how white text looks on a background with the YUV color 127.8470, -48.2386, 25.5672.

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

127.8470, -48.2386, 25.5672

Protanopia

127.3410, -47.4961, 20.7489

Deuteranopia

128.7280, -47.6869, 35.3185



Tritanopia

136.2850, -2.1125, 24.3061

Trichromacy



Original Color

127.8470, -48.2386, 25.5672

Protanomaly

127.3520, -47.5015, 22.4933

Deuteranomaly

128.5920, -48.1129, 31.9298

Tritanomaly

132.9310, -18.7000, 24.6165

Monochromacy



Original Color

127.8470, -48.2386, 25.5672

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7720, -17.6356, 9.8470

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8470, -48.2386, 25.5672 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(157, 132, 30)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 30)  
}
```

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(157, 132, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 30) }
```

Border

The CSS property to change the border of an element to YUV 127.8470, -48.2386, 25.5672 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(157, 132, 30) }
```


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

```
.border{ border-color:rgb(157, 132, 30) }
```

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

Here you see how a box with a 4 pixel rgb(157, 132, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 30);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 127.8470, -48.2386, 25.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 30) }
```

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

```
.background{ background-color: rgb(157,  
132, 30) }
```

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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