

# Converting Colors

YUV(24.8500, -9.2930, -6.0074)

Have a look what the booklet for  
YUV(24.8500, -9.2930, -6.0074)  
contains.

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# Color

**YUV(24.8500, -9.2930,  
-6.0074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	122006
RGB	18, 32, 6
RGB Percent	7%, 13%, 2%
CMY	0.9294, 0.8745, 0.9765
CMYK	0.44, 0.00, 0.81, 0.87
HSL	92°, 68%, 7%
HSV	92°, 81%, 13%
XYZ	0.7988, 1.1748, 0.3569
YIQ	24.8500, 0.0020, -11.0540

# Conversions

## Conversions Part 2

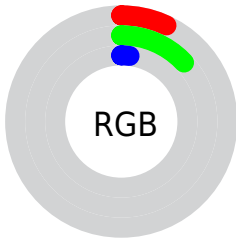
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 32, 20
Decimal	1187846
CIELab	10.37, -11.97, 12.77
CIELCh	10, 17.509, 133.150
Yxy	1.1748, 0.3428, 0.5041
Android (android.graphics.Color)	4279377926 (0xFF122006)
YUV	24.8500, -9.2930, -6.0074
Hunter-Lab	10.8387, -5.8118, 5.6345

# Details

The YUV color **24.8500, -9.2930, -6.0074** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.1500, 9.2931, 6.0075**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3660, -8.5614, -7.3370**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.9100, -10.3086, -6.9371**, and if you desaturate by 10%, it is **25.7900, -8.2775, -5.0778**.

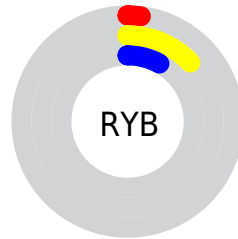
# Distribution



Red (7%)

Green (13%)

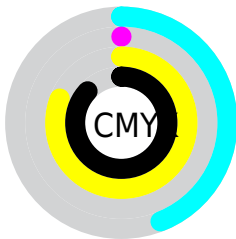
Blue (2%)



Red (2%)

Yellow (13%)

Blue (8%)

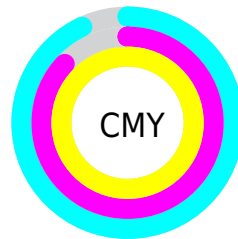


Cyan (44%)

Magenta (0%)

Yellow (81%)

Black (87%)



Cyan (93%)

Magenta (87%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 24.8500, -9.2930, -6.0074 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 24.8500, -9.2930, -6.0074 by changing the saturation by 10% instead.



■ 24.8500, -9.2930,  
-6.0074

■ 24.8500, -9.2930,  
-6.0074

■ 248.3770, -8.5669,  
-5.5926

■ 1.7610, -0.8682,  
-1.5444

■ 68.3660, -8.5614,  
-7.3370

■ 0.0000, 0.0000,  
0.0000

■ 91.9530, -8.8508,  
-7.8518


■ 116.5400, -9.1402,  
-8.3666


■ 142.4260, -9.5770,  
-8.2666


■ 169.0130, -9.8664,  
-8.7814


■ 195.8990,


-10.3032, -8.6814


 223.8990,  
-10.3032, -8.6814


 24.8500, -9.2930,  
-6.0074


 24.8500, -9.2930,  
-6.0074


 23.9100, -10.3086,  
-6.9371


 25.7900, -8.2775,  
-5.0778

 23.2690, -11.4716,  
-7.2519

 26.4310, -7.1145,  
-4.7630

 27.4850, -5.6621,  
-3.9333

 28.4250, -4.6465,  
-3.0037

 29.3650, -3.6309,  
-2.0741

■ 30.0060, -2.4680,  
-1.7593

■ 30.9460, -1.4524,  
-0.8296

■ 32.0000, 0.0000,  
0.0000

■ 32.9400, 1.0156,  
0.9296

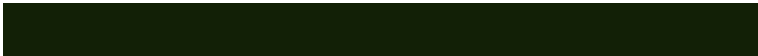
# Harmonies

## Analogous

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



26.5910, -13.1094, 4.7437



24.8500, -9.2930, -6.0074



22.3520, -0.6665, -19.6027

# Triad

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



24.8500, -9.2930, -6.0074



24.0110, 13.3056, -21.0576



28.1380, -2.5330, 19.1730

# Complementary

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



24.8500, -9.2930, -6.0074



13.1500, 9.2931, 6.0075

# 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.



28.8970, 3.0088, 14.9993



24.8500, -9.2930, -6.0074



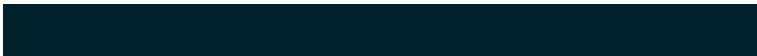
27.3330, 11.6678, -9.0620

# Square

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



24.8500, -9.2930, -6.0074



24.3870, 9.6692, -21.3874



29.5090, 8.1301, 5.6926



27.7050, -9.2216, 17.7987



# Rectangle

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



24.8500, -9.2930, -6.0074



23.2640, 2.8278, -20.4025



29.5090, 8.1301, 5.6926



28.5940, -0.7858, 18.7731

# Sweetspot

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



24.8500, -9.2930, -6.0074



38.3650, -3.6309, -2.0741



21.9920, -7.8841, 8.7770



18.4190, -2.1786, -1.2445



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000



# Same Dimension

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



24.8500, -9.2930, -6.0074



29.8620, -14.2290, -9.5260



21.3760, -7.0874, -13.4848



14.5870, -0.2894, -0.5148



57.1370, -28.1685, -18.5371



149.9140, -73.9076, -48.1596



# Inverse Universe

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



13.1500, 9.2931, 6.0075



11.8390, 14.3764, 8.9112



16.6240, 7.0874, 13.4848



14.4130, 0.2894, 0.5148



21.8630, 28.1685, 18.5371

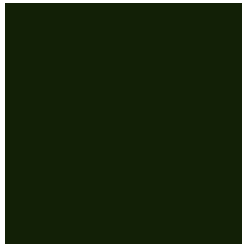


56.7870, 74.0550, 47.5448



# Previews

## White Background



This preview shows how the YUV color 24.8500, -9.2930, -6.0074 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

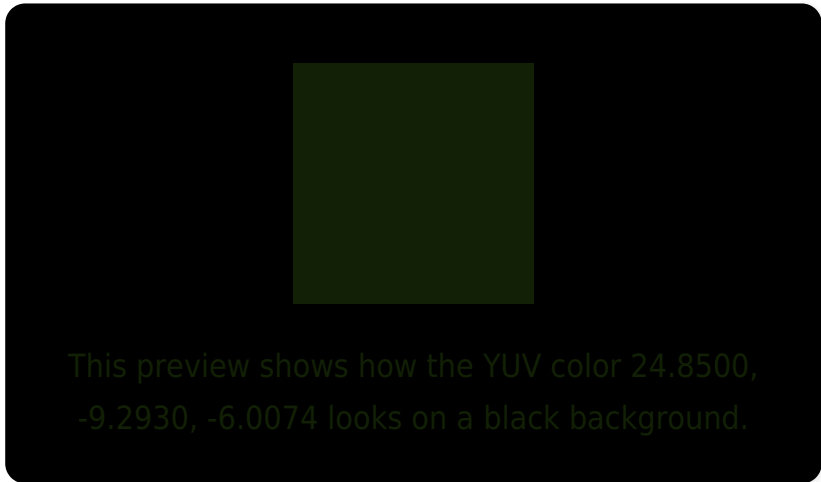
Any Text WCAG AA ✓ Pass

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

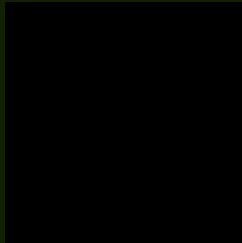
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

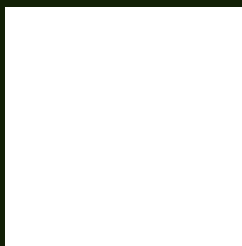
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 24.8500, -9.2930, -6.0074**

## **Background**



This preview shows how black text looks on a background with the YUV color 24.8500, -9.2930, -6.0074.



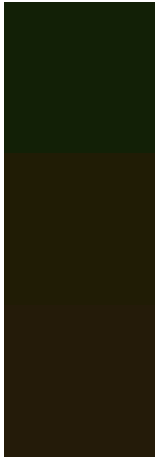
This preview shows how white text looks on a background with the YUV color 24.8500, -9.2930,

-6.0074.

# 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

24.8500, -9.2930, -6.0074

### Protanopia

26.5740, -10.6360, 4.7586

### Deuteranopia

27.6390, -9.1890, 7.3326



**Tritanopia**

27.8360, 2.0529, -5.1182

# Trichromacy



## Original Color

24.8500, -9.2930, -6.0074

## Protanomaly

25.6660, -10.1883, 1.1699

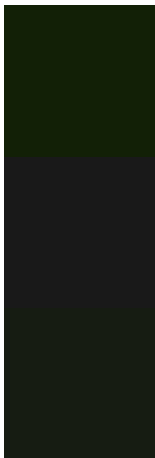
## Deuteranomaly

26.6060, -9.1728, 2.0995

## Tritanomaly

27.0980, -2.0203, -5.3479

# Monochromacy



## Original Color

24.8500, -9.2930, -6.0074

## Achromatopsia

25.0000, 0.0000, 0.0000

## Achromatomaly

25.0660, -3.4835, -2.6889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 24.8500, -9.2930, -6.0074 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(18, 32, 6)` looks like.

```
.text, #text, p{  
    color:rgb(18, 32, 6)  
}
```

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(18, 32, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 32, 6) }
```

## Border

The CSS property to change the border of an element to YUV 24.8500, -9.2930, -6.0074 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(18, 32, 6) }
```



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

```
.border{ border-color:rgb(18, 32, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 32, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 32, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 32, 6); box-shadow:4px  
4px 4px 4px rgb(18, 32, 6) }
```

# Background

The CSS property to change the background color of an element to YUV 24.8500, -9.2930, -6.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 32, 6) }
```

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

```
.background{ background-color: rgb(18, 32,  
6) }
```

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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